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Annual Larkspur, GIANT IMPERIAL

See page 9

WATERER'S SEEDS · 1936

ESTABLISHED 1892

714 Chestnut Street — PHILADELPHIA, PA.

Phone: WAlnut 2112

PHLOX DRUMMONDI GIGANTEA, ART SHADES. Award of Merit, 1935 All-America Seed Selections. Pkt. 25 cts.; large pkt. 75 cts. *For description, see page 10.*

DAHLIA, UNWIN'S DWARF HYBRIDS. Reselected strain. Pkt. 25 cts.; large pkt. 75 cts. *For description, see page 8.*

PETUNIA, RUFFLED NANA COMPACTA, MARTHA WASHINGTON. Award of Merit, 1935 All-America Seed Selections. Pkt. 35 cts. large pkt. $1. *For description, see page 10.*

SPECIAL OFFER: 1 pkt. each of the above 3 varieties, 75 cts.

For Color and for Cutting you need these . . .

New Marigolds

Two are winners of Gold Medals and one received the Award of Merit in the All-America Seed Selections.

Dixie Sunshine (1). The newest of the trio. Flowers full double, golden yellow, on long stems. Blooms late in the season; seed should be sown early. Pkt. 25 cts.; large pkt. 75 cts.

Guinea Gold (2). This is written on November 12, 1935, and plants are still covered with golden yellow blooms—a great display of color. Pkt. 15 cts.; large pkt. 40 cts.

Yellow Supreme (3). Plants 2 to 3 feet high, with a multitude of lemon-yellow flowers. Pkt. 20 cts.; large pkt. 50 cts.

For complete descriptions see page 9

COLLECTION: One pkt. each of the above 3 new Marigolds . . . **50c.**

Ipomoea, Heavenly Blue, Improved Early-flowering. For description, see page 34

Pkt. 15 cts.; ¼oz. 50 cts.; oz. $1.50

Waterer's Shady Place Lawn Mixture

Sow grass seed in all holes where weeds have been dug. Should dead spots appear in the lawn, spade them up, working plenty of fertilizer into the soil and sow seed at the rate of 1 pound for every 100 square feet, keeping the spots well rolled and watered. An annual application of commercial manure or bone-meal should be given every spring, applying it at the rate of 800 pounds to the acre.

In the latitude of Philadelphia, the seed may usually be sown from March 20 to June 20 and from August 15 to October 15, preferably in the early spring or early fall to get the benefit of the rains. A quiet day should be chosen, so the seed can be sown evenly. It is best to make two sowings, the second at right angles to the first; this insures more even distribution. After sowing the seed it should be harrowed or raked in and then the ground should be rolled. One pound is sufficient for 100 square feet, 100 to 120 pounds for an acre; or for renovating old lawns, about half that quantity.

HOW TO MAKE A LAWN

A WELL-MADE, well-kept lawn is a priceless possession. Nothing is more universally admired and sought for by people of good taste and discrimination. A good lawn requires intelligent effort and care. The main thing is to start right. The materials and foundation determine the quality of a lawn as much as of a building of brick and mortar.

The soil should be graded, spaded or plowed, harrowed or raked, and fertilized with commercial sheep manure or bone-meal. Unless barnyard manure is very old and rotten, it is likely to contain weed seeds which cause trouble. The surface should be pulverized and made as smooth as possible, removing clods, sticks, roots, and stones

Well-cleaned grass seed should be chosen, consisting of a proper mixture of grasses suited to the locality and the particular location. Good seed makes a better lawn than sod. When the ground has settled and has been rolled firm, sow the seed evenly and thickly, at the rate of 5 bushels or 100 to 120 pounds to the acre. Choose a still day and make two sowings at right angles to each other to insure even distribution. A light sifting of rich soil over the seed is beneficial, or it may be lightly scratched with a rake. Firm the surface afterward with a roller or by vigorous blows with the flat of the spade. If the sowing can be done shortly in advance of a light rain it is very fortunate, but, at all events, a newly seeded lawn should not be permitted to become dried out until the grass is up and fairly well established.

Cut the new grass as soon as it will engage the blades of the mower and keep it cut regularly. All lawns, even those that are well established, should be watered well in hot, dry weather.

Old lawns should be reseeded lightly every season to maintain vigorous growth and to discourage weeds. This can be done in either spring or fall, and should follow a light raking. Two bushels, or 40 pounds, to the acre are sufficient, and it should be rolled or patted into the soil.

Results of Waterer's Homebush Lawn Grass Mixture

Lawn at Homebush Farm where our annual Tulip display is held

WATERER'S GRASS SEED MIXTURES FOR LAWNS AND PLEASURE GROUNDS

EQUAL TO ANY — SUPERIOR TO MANY — SECOND TO NONE

If Grass Seed is wanted by parcel post, please add for postage at your zone rate

Homebush Evergreen Lawn Mixture

For several years we have been compounding and testing formulas of the finest lawn grass seeds, endeavoring to find a lawn grass mixture superior to that of our former "Best" mixture. The result of these tests is "Homebush" Evergreen Lawn Mixture, a combination of the finest recleaned grasses which produces a luxuriant, deep green, velvety turf that will stand up under our trying conditions of sunshine and drought.

At our display-grounds, Homebush Farm, in preparation for our Tulip Show, a lawn of about two acres was sown with this mixture on September 15, 1934. In the short period of eight months was developed a beautiful carpet of closely interwoven, firm, elastic turf which had the appearance of an old, established lawn with years of care and attention, arousing the admiration and comment of thousands of visitors.

We can highly recommend this mixture to give a perfect and permanent lawn. Can be had with or without White Clover, as desired. Pt. 35 cts.; qt. 65 cts.; 4 qts. $2.25; pk. $4; bus. (20 lbs.) $15.

Waterer's Super Lawn Grass Mixture

(Formerly Waterer's Best)

A combination of various American and European types of fine-leaved, deep-rooting grasses of interweaving habit, that flourish under our trying conditions of sunshine and drought, and good, bad and indifferent soils, growing during different periods of the year, so that it maintains a close, velvety surface which does not burn brown in summer and is not killed by hard freezing This Super Mixture has been given the utmost care and selection to keep it strictly of the highest grade, to insure a perfect and luxuriant lawn with closely interwoven, firm, and elastic turf. which is usually ready for cutting six weeks after sowing. Highly recommended. Pt. 30 cts.; qt. 50 cts.; 4 qts. $1.75; pk. $3.25; bus. (20 lbs.) $12.

Waterer's Special Evergreen Lawn Mixture

is composed of the best natural lawn grasses in the proper proportions of enough varieties to insure a good stand of grass in a wide diversity of soils and situations. It includes sorts for both dry and damp soils, for acid and limey ground, and, in fact, there are seeds of enough varieties for different purposes to make sure of a smooth even stand and a lawn continually green and flourishing under almost all ordinary conditions of climate, and able to withstand hard usage. Pt. 25 cts.; qt. 45 cts.; 4 qts. $1.50; pk. $2.50; bus. (20 lbs.) $9.

Waterer's Mixture for Shady Places

There are a ways spots under trees and in the shadow of buildings where the sun-loving grasses will not grow. For places of this kind we have prepared a careful mixture of those grasses which naturally thrive in the shade. This mixture consists of the highest grade of recleaned sceds, and should produce a good lawn in difficult shady places. Even shade-loving grasses will not grow under trees without being watered because the tree roots are very greedy and absorb the moisture from the surface quickly. Pt. 25 cts.; qt. 45 cts.; 4 qts. $1.50; pk. $2.75; bus. (20 lbs.) $10.

Waterer's Popular Evergreen Lawn Mixture

In this mixture the quantities of some of the more expensive grasses are reduced or left out. Produces a thick turf, well adapted to hard usage. Pt. 20 cts.; qt. 35 cts.; 4 qts. $1.25; pk. $2; bus. (20 lbs.) $7.

Waterer's Fairmount Park Mixture

A superior grade of lawn grasses of the more enduring, strong-rooting, drought-resisting kinds, blended to form a high-class utility mixture for broad planting of wide spaces. Pt. 15 cts.; qt. 25 cts.; 4 qts. 85 cts.; pk. $1.50; bus. $5.50.

Waterer's Terrace Mixture

A special mixture of grasses best suited for sowing on terraces and side-hills—grasses that produce strong, spreading roots, thus preventing heavy rains from washing them out, that will withstand drought and exposure, thrive on shallow soils and at the same time produce a rich green turf throughout the season. Pt. 25 cts.; qt. 45 cts.; 4 qts. $1.50; pk. $2.50; bus. (20 lbs.) $9.

Waterer's Seashore Lawn Grass Seed

A special mixture of grasses peculiarly suited for seaside lawns, composed of strong-rooted varieties which will quickly produce a good turf. Pt. 25 cts.; qt. 45 cts.; 4 qts. $1.50; pk. $2.50; bus. (20 lbs.) $9.

Waterer's Tennis Court Mixture

A mixture of fine grasses for tennis courts, which will make a firm, green and lasting turf. Pt. 25 cts.; qt. 45 cts.; 4 qts. $1.50; pk. $2.50; bus. (20 lbs.) $9.

Waterer's Athletic Field Mixture

The grasses in this mixture are carefully selected for their rapid growth, deep-rooting qualities, and durability, and will furnish a permanent sod that will withstand hard usage. Pt. 20 cts.; qt. 35 cts.; 4 qts. $1.25; pk. $2; bus. $7.

Waterer's Golf Links Mixture

The grasses in this mixture will produce a rich green turf that will resist tramping and hard wear and will retain its color during the severest drought. Sow 100 pounds to the acre. Pt. 20 cts.; qt. 35 cts.; 4 qts. $1.25; pk. $2; bus. $7.

Waterer's Putting-Green Mixture

A mixture of very fine-bladed varieties of grasses suitable for the production of a close, thick, fine turf. Pt. 45 cts.; qt. 85 cts.; 4 qts. $3; pk. $5.50; bus. (25 lbs.) $20.

White Dutch Clover Seed

Excellent for use on lawns; forms a close herbage and remains green throughout the season. We furnish the choicest grade of seed. Lb. 75 cts.; 5 lbs. $3.50; 10 lbs. $6.75; 25 lbs. $16.25; 100 lbs. $63.

Waterer's Permanent Pasture and Hay Mixture. Far superior to any other mixture for producing permanent hay and pasture. A mixture of varieties which will form a permanent pasture that lasts for years. Composed chiefly of native and acclimated grasses, which have been found to be best. These are blended in their proper proportions to give the desired results. Sow on new land which has been plowed and harrowed, at the rate of 60 pounds per acre; on ground partly covered, about 30 pounds per acre. Pk. $1.75; bus. (20 lbs.) $6.50.

FANCY RECLEANED GRASS SEEDS

Owing to the variations in market value, the prices quoted below are subject to change without notice
Write for special prices on larger quantities

Bent, Colonial (*Agrostis tenuis*). A grass of very splendid appearance, making a fine, close turf, dark green in color. It is adaptable to different soils and various locations and will stand dry weather. It has a spreading habit. Lb. $1.50.

Bent, Certified Astoria (*Agrostis maritima*). This Bent Grass is one of the most vigorous stoloniferous creepers and also spreads under ground by root-stalks or rhizomes, making a deep, reinforced sod. Hardy and grows on a wide range of soils. Excellent for lawns, greens, parks, and playing-fields. Lb. $1.50.

Bent, Creeping (*Agrostis Species* or *South German Mixed Bent*). Composed of different types of Bent Grasses. It is exceptionally useful for lawns or fairways, also for putting greens. Lb. $1.50.

Blue Grass, Canada (*Poa compressa*). A suitable grass for hard, dry soils. Excellent for rooting on steep places. Lb. 50 cts.

Blue Grass, Kentucky (*Poa pratensis*). This is suited to a variety of soils and is largely used for lawns and as a pasture grass. It is unusually early, and presents a beautiful green appearance in early spring, when other grasses are still dormant; revives with first rainfall after a long drought. Sow 60 pounds to the acre. Lb. 40 cts.

Crested Dog's-Tail (*Cynosurus cristatus*). A hardy permanent grass for lawn and permanent pasture. Lb. 60 cts.

Fescue, Chewing's New Zealand (*Festuca rubra fallax*). Especially recommended for golf putting greens and lawns; succeeds on all soils. Lb. 80 cts.

Fescue, Fine-leaved Sheep's (*Festuca ovina tenuifolia*). The leaves are small, wire-like, very fine but tough and stiff. The color is beautiful dark green. Valuable for lawns subjected to hard wear, tees, and putting greens. Lb. $1.

Fescue, Hard (*Festuca duriuscula*). A dwarf-growing, early, very hardy, robust grass, succeeding well in dry soils and fine for permanent pasture. Sow 30 pounds to the acre. Lb. 70 cts.

Fescue, Sheep's (*Festuca ovina*). Short and dense in growth; excellent for lawns. Lb. 70 cts.

Fescue, Meadow (*Festuca pratensis*). One of the finest grasses for permanent pastures, highly nutritious and relished by stock. Succeeds well in all soils but best on moist land. Robust in habit and grows over a long season. Sow 50 to 70 pounds to the acre. Lb. 35c.

Fescue, Red (*Festuca rubra*). Fine for lawns. Resists drought; valuable for seeding embankments and exposed locations, as it binds the soil. Forms a very close, durable turf; much used on putting greens. Lb. 70 cts.

Orchard Grass (*Dactylis glomerata*). A deep-rooted, very nutritious grass; does well in shady places and is of great value for hay and permanent pasture. Lb. 35 cts.

Redtop, Fancy Recleaned (*Agrostis vulgaris*). An excellent grass for lawns and pastures. We offer only fancy, recleaned seed, entirely free from chaff. Lb. 30 cts.

Rough-stalked Meadow Grass (*Poa trivialis*). No grass is better adapted for pleasure-grounds, particularly under trees, as it will not only grow in such places, but forms a fine sward where few other grasses can exist. A fine grass for dry ground under bay-windows, overlapping roofs and shady side yards. Sow 20 to 25 lbs. to the acre. Lb. 50 cts.

Ryegrass, English (*Lolium perenne*). Invaluable for permanent pastures, as it forms compact sward, remains bright and green throughout the season, and is a rapid grower. Sow 60 pounds to the acre. Lb. 30 cts.

Ryegrass, Italian (*Lolium italicum*). Thrives on any good soil and is unequaled for producing feed early in the spring as well as throughout the season. Responds quickly to rich food and moisture, and is a rapid grower. Sow 60 lbs. to the acre. Lb. 30 cts.

Timothy (*Phleum pratense*). **XXX** fancy, recleaned. Either alone or with redtop and clover, it furnishes the best hay. Lb. 20 cts.

RECENT NOVELTIES AND SPECIALTIES for 1936

Acroclinium, Large-flowered Double Hybrids

Acroclinium, New Large-flowered Double Hybrids

These are such a great improvement over the old varieties that they can hardly be recognized as members of the same family. The double flowers are extremely large, at least twice the size of the ordinary strain, on 12 to 18-inch stems, and are borne freely over a long flowering period. The range of color is most remarkable being especially rich in shades of salmon, apricot, pink, rose, and cerise, with white and creamy tones to balance up the pastel mixture. While some of the flowers have a light eye, the majority are enhanced by a boldly contrasting dark center. When cut in the bud this desirable "Everlasting" can be dried for winter bouquets. Pkt. 25 cts.; large pkt. 75 cts.

Antirrhinum, Giant Improved Early-flowering

This strain is a great improvement over the old giant-flowering type as it comes into full bloom one month earlier. There are also more flowers in full bloom at one time on a spike. It is uniform in habit, growing about 2½ feet high, and the colors are fixed and true. We believe these qualifications make this the best Antirrhinum strain for all-round garden culture.

Early Brilliant Rose. Rose-pink.
Early Golden King. Bright yellow.
Early Queen Victoria. Pure white.
Early Rose Queen. Soft pink.
Early Scarlet Defiance. Bright scarlet.
Early Finest Mixed.

Each, pkt. 20 cts.; large pkt. 50 cts.
COLLECTION: One pkt. each of the above 5 colors, 80 cts.

New Rustproof Antirrhinum

After many years of intensive research our growers have achieved a Rustproof Antirrhinum which makes it possible to grow these desirable flowers in those sections where rust has been prevalent. Their results enable us to offer the following varieties in separate colors which are far superior to the non-resistant types. It is a joy to see these plants with their base-branching habit, length of spike, size of blooms and their clean, healthy foliage, free from rust.

Rustproof Snapdragon

Rustproof Antirrhinum nanum grandiflorum

Half-dwarf or Intermediate

The bushy, compact plants grow from 18 to 24 inches high and are very free flowering, bearing long spikes of large, well-spaced blooms. Ideal for beds and borders as they do not require staking. Also valuable for cutting.

Carmine-Rose. Bright carmine-rose, with small yellow lip.
Golden Orange. Light golden orange with apricot suffusion.
Indian Girl. Burnt-orange, overlaid with bright yellow, giving a beautiful old-gold effect.
Light Salmon-Pink. Lovely salmon-pink, with white tube; upper lip tinted yellow.
Wildfire. Dazzling orange-scarlet, emphasized by clear bright yellow lip.
Mixed. A superior mixture containing a remarkable range of colors.

Each, pkt. 25 cts.; large pkt. 75 cts.
COLLECTION: One pkt. each of above 5 colors, $1

Rustproof Antirrhinum maximum

This superb type produces the tallest, largest-flowered Snapdragons. Each plant will bear many spikes closely set with immense, beautifully formed flowers. Height 3 to 4 feet.

Alaska. Pure white with yellow throat.
Campfire. Pure luminous scarlet with yellow lip.
Canary Bird. Soft canary-yellow.
Fair Lady. Large, beautiful pearly pink flowers.
Loveliness. Pure soft rose-pink.
Mixed. A glorious mixture of many colors of this magnificent type.

Each, pkt. 35 cts.; large pkt. $1
COLLECTION: One pkt. each of the above 5 colors, $1.50

Aster, Aurora, Golden Sheaf

Wilt-Resistant Strain

The deepest yellow Aster yet offered, and the only one that is wilt-resistant. The flowers are fully double, with an attractive, crest-like center, of good substance, and fine depth of petal, lasting well when cut. Pkt. 20 cts.; large pkt. 50 cts.

Aster, Improved California Giant Sunshine

A supremely beautiful new race of Asters. Direct cross between California Giants and the dwarf Sunshine type. The plants grow 3 feet high and bear blooms 5 to 6 inches across, on long, stiff stems. In color the lovely dual-tone effect beggars description. The yellow, quill-like disc is encircled by a single row of contrasting guard petals.

Flesh-Pink **Light Blue**
Deep Rose **Purple**
Lavender **White**
Mixed

Each, pkt. 20 cts.; large pkt. 50 cts.
COLLECTION: One pkt. each of the above 6 colors, $1

Asters, California Giant Sunshine

RECENT NOVELTIES AND SPECIALTIES for 1936

New Super-Giant Aster

The largest and most fully double Asters known. Extremely large, graceful flowers with daintily interlaced plume-like petals. Plants reach a height of 2½ to 3 feet and are very early flowering, coming into bloom before the California Giant varieties and remaining in flower over a long period. For those who want the finest Asters yet developed, we recommend this type.

Los Angeles. Lovely soft shell-pink, blending to creamy pink at the center.
El Monte. Deep, glowing crimson. Special Mention, 1936 All-America Seed Selections.

Each, pkt. 25 cts.; large pkt. 75 cts.

Aquilegia longissima

Delicate pale yellow flowers with very long spurs—often 4 inches long. A strikingly graceful Columbine which deserves a permanent place among our choicest perennials. Pkt. 75 cts.

Calendula

CHRYSANTHA (Sunshine). The large, double flowers are an exquisite shade of clear buttercup-yellow, with long, loosely arranged petals which droop to give the rounded appearance found in our favorite Chrysanthemums. Besides adding a bright golden splash of color to the garden, Chrysantha is a fine cutting variety, with long, stiff stems, well adapted to combine with blue flowers in bowls or vases. Pkt. 15 cts.; large pkt. 40 cts.

ORANGE SHAGGY. A very distinct new break in Calendulas. The closely set petals are long and deeply fringed or laciniated, giving the flower the shaggy appearance of some Chrysanthemums, and sharply contrasting with the rather formal aspect of most other varieties. The color is a rich orange, shading lighter toward the center, and the flowers are freely borne on long stems of good cutting length. Their informal shape adds greatly to their effect as a decorative cut-bloom, and as a garden plant this new Calendula will also render excellent service. Pkt. 20c.; large pkt. 50c.

Cheiranthus Allionii, Golden Bedder

New Annual Canterbury Bell

Brings Spring to the Garden in September

Many years of careful selection have at last given us an Annual Canterbury Bell which blooms from seed in less than six months. It grows from 2 to 2½ feet tall, each plant having from six to eight spikes of blooms. By making successive plantings during the early spring we can have these lovely flowers all through the summer and early fall.

Angelus Bell. Deep rose.
Blue Bell. Cambridge blue.
Liberty Bell. Intense violet-blue.
Mission Bell. Beautiful clear pink.
Wedding Bell. Pure white.
Finest Mixed. Contains all above colors.

Each, pkt. 20 cts.; large pkt. 50 cts.
COLLECTION: One pkt. each of the above 5 colors, 80 cts.

Carnation, Chabaud's Enfant de Nice

This is the result of a cross between Chabaud's Giant Improved and Perpetual. The plants are of robust, upright habit, with long, strong stems, bearing flowers 2½ to 3 inches in diameter. This strain is magnificent and is, so far, the last word in annual Carnations. The color comes about 75 per cent true from seed, and about 90 per cent of the plants come double.

Red Rose Salmon White Finest Mixed

Each, pkt. 25 cts.; large pkt. 75 cts.
COLLECTION: One pkt. each of the above 4 colors, 75 cts.

Cheiranthus Allionii, Golden Bedder

There is no doubt that gardeners throughout the country will welcome Golden Bedder as an alternative to the orange form for spring and early summer. It is similar in type to the well-known Allionii, with large flowers of deep golden yellow, and its lovely tone will blend more easily with many subjects. It is sweetly scented, long lasting in flower (especially if the seed-pods are not allowed to form), and it may be sown in the late summer, autumn, or early spring. Pkt. 25c.

Aquilegia longissima

Chrysanthemums

CASCADE. A new race of half-hardy, perennial Chrysanthemums which flowers 6 months from sowing of seeds. It is very easily grown in pots or in the open ground, a fine cut-flower, and a showy pot-plant. The colors are vivid and include scarlet, crimson, bronze, orange-yellow, white, etc. This variety makes an admirable greenhouse subject falling, as it does, in cascades of beautiful flowers. Pkt. 25 cts.; large pkt. 75 cts.

MAXIMUM (SHASTA DAISY), NEW GIANT DOUBLE WHITE. Large, double white flowers, about 5 inches in diameter, very much resembling a giant aster with long, loosely arranged petals. The long, stiff stems make them valuable as a cut-flower. Will bloom in 5 months from time of sowing. Pkt. 25 cts.; large pkt. 75 cts.

Coreopsis grandiflora, Double Sunburst

Much of the beauty of early summer gardens is due to the brilliant golden yellow of Coreopsis plantings. There is nothing that can take its place at that time of the year when yellows are so scarce, and when variations in the type are produced, they are welcomed gladly. Sunburst is a pleasant change from the well-known single form, retaining its beauty of color while augmenting its effect of brilliance through the doubling of petals. The double flowers are large—1½ to 2 inches across—deep golden yellow, and are excellent for cutting as well as for garden decoration. The flowers are fine keepers and the plants are very easy to grow. The strain is remarkably true, coming 80 per cent double, as illustrated on page 8. Pkt. 25 cts.; large pkt. 75 cts.

RECENT NOVELTIES AND SPECIALTIES for 1936

Coreopsis grandiflora, Double Sunburst

Cornflower, Jubilee Gem

This is a dwarf variety of Cornflower making a compact plant literally covered with flowers. It has a foliage distinct from all other Cornflowers, forming a tufted mass of vivid green, contrasting well with the dark but vivid double blue flowers. The plant is about 12 inches high. Easy to grow, it is "everyone's" flower and is adaptable for almost any purpose to which a plant may be put. As an edging plant, a border plant, or for groundwork in formal beds of roses, etc., it will be found admirable; it is a fine cut-flower, and, above all, it may be sown outside in the autumn for spring flowering, or in the spring for summer flowering. We consider Jubilee Gem a novelty equal in merit to the best of recent introductions. Pkt. 35c.

New Early Cosmos, Klondyke, Orange Flare

Granted the Gold Medal at the 1935 All-America Seed Selections, this Cosmos has proved itself worthy of this honor. In most parts of the country this brilliant-hued flower is practically unknown because of its late-flowering habit. The color is the same vivid orange as the ordinary Klondyke and it will bloom in less than 4 months from time of sowing. The foliage is much less abundant, giving a plant which is a mass of color. The stems are long and wiry, well adapted for cutting. Shown in color on back cover. Pkt. 25 cts.; large pkt. 75 cts.

New Mammoth-flowering Cosmos, Sensation

Received the Award of Merit at the 1936 All-America Seed Selections. The advantage of this new Cosmos is not only its unusually large size—flowers measuring 4 to 6 inches across—but the important fact that plants come into bloom in about 10 weeks from time of sowing. The seed offered this year contains a mixture of two shades of pink and white. Height 4 to 6 feet. Pkt. 50 cts.

Dahlias

UNWIN'S DWARF HYBRIDS. Reselected Strain. The graceful, semi-double flowers of these new Hybrids are borne very freely and embrace a very wide range of color, those of no two plants being exactly alike. Though primarily intended for bedding purposes, they make very fine cut-flowers, blooming from June until frost. They are very easily grown from seed and bloom within 3 to 3½ months from time of sowing. May be planted as close as 18 to 20 inches apart, rarely exceed 24 inches in height and require no stakes. See inside front cover. Pkt. 25 cts.; large pkt. 75 cts.

DOBBIE'S NEW ORCHID-FLOWERED. A Single Dahlia of new and entirely distinct type. Of medium size, its peculiar form of petals, which curl over toward their centers, has given rise to its name. A wide range of both brilliant and soft colors are almost bewildering in their variety and blending, while the reverse of the petals is distinct from the ground-color, and often the petals are fluted and pointed. Pkt. 25 cts.; large pkt. 75 cts.

Dianthus superbus, Loveliness

New Annual Dianthus

LACINIATUS SPLENDENS. A striking addition to the popular Annual Dianthus. The flowers are sweet scented, very large —over 2 inches across—in a brilliant shade of crimson, with a large, boldly contrasting glistening white eye. Easily grown, they flower profusely on neat, dwarf, compact plants. Pkt. 25 cts.; large pkt. 75 cts.

DELIGHT. An interesting hybrid of neat, erect habit, growing about 9 inches high. Blooms continuously from June to October, producing flowers about half an inch in diameter, not in trusses, but in alternating spikes in great profusion. There is a bewildering range of colors from the palest pink to deepest purple, many having the eye of a Sweet William. Very easily grown and truly a delight in the garden or as a cut-flower. Pkt. 35 cts.

Dianthus

SUPERBUS, LOVELINESS. Stately and magnificent in habit of growth, yet delightfully charming and informal in flower form, this new hardy garden Pink is one of the finest of the newer cut-flower varieties. Plants are 12 to 15 inches tall, of good branching habit, and very free flowering. The shaggy-appearing, finely fringed flowers of delicate rosy lilac are highly sweet scented and measure from 1½ to 2 inches across. They are fascinating in the garden and exquisitely dainty in flower arrangements. Pkt. 35 cts.

Exacum affine atrocaeruleum

Beautiful greenhouse pot-plant growing 9 inches high. The sweetly scented, small, dark lavender flowers with golden stamens contrast wonderfully with the light green leaves. Biennial; flowering within 6 months from sowing. Pkt. 35 cts.; 3 pkts. 90 cts.

Hunnemannia, Sunlite

A double-flowered Poppy which is different. Its extra band of petals is produced on the outside rather than the inside of the tulip-shaped flowers, giving the impression of being open, even after the cuplike blossoms have closed for the night. The flowers are a bright canary-yellow, and the foliage of the 2-foot bush is a light gray-green. It likes a sunny position in a well-drained border and flowers freely in late summer. Pkt. 20 cts.; large pkt. 50 cts.

Larkspur

New Tall Double Stock-flowered, Rosamond

This novelty was awarded a Gold Medal in the All-America Selections for 1934 and has been acclaimed the most distinct Larkspur to be introduced in many years. It is two weeks earlier than other Stock-flowered varieties and is exceptionally uniform in height, growing 4 feet tall. The plant bears numerous spikes heavily covered with fully double, bright rose-colored flowers, and has that rare quality of holding this pure rose shade until out of bloom. Pkt. 20 cts.; large pkt. 50 cts.

Exacum affine atrocæruleum

RECENT NOVELTIES AND SPECIALTIES for 1936

Annual Larkspur, Giant Imperial

Upright or Delphinium Type

Great advancement has been made in this new and valuable type of Larkspur in the past few seasons. The long, graceful, upright branches are very symmetrical, with large, double flowers. Length of stem and beauty of habit far surpass any other type of Larkspur, making them invaluable for the garden and home decoration. Shown in color on front cover.

Blue Bell. Azure-blue.
Blue Spire. Intense, deep Oxford-blue.
Carmine King. Deep carmine-rose.
Exquisite Pink, Improved. Soft pink, shaded salmon.
Miss California. Pink, shaded salmon.
Gloria. Rich deep rose.
Lilac Spire. Beautiful lilac color.
White Spire. Pure white.
Peach Blossom. Light pink.
Exquisite Rose. Rose-pink.
Mixed. All colors.

Each, pkt. 15 cts.; large pkt. 40 cts.
COLLECTION: One pkt. each of the above 10 colors, $1.25

Lupinus, Hartwegi Giants

Annual Lupines are favorite garden flowers in almost all parts of the country, as they bloom freely without any special care. This improved new giant strain is over a foot taller than the ordinary type, reaching a height of 3 to 4 feet. There are 5 or 6 long basal-branched spikes to each plant, bearing closely placed, giant blooms. Excellent for decoration, lasting a long time when cut, and are valuable for winter forcing in the greenhouse.

King Blue. Enormous spikes of rich Oxford-blue, enhanced by a pure white stripe in the standard of each flower.
King Heliotrope. Striking rosy purple with a definite white stripe in the standard which greatly adds to its beauty.
King Sky-Blue. Huge spikes of clear light blue florets, each with a narrow white stripe in the center of the standard.
King White. Glistening, pure white flowers in huge spikes. A companion to King Blue, with all its size and beauty. This Lupine is exquisitely scented.
King Mixed. Contains shades of blue, pink, and white.

Each, pkt. 25 cts.; large pkt. 75 cts.
COLLECTION: One pkt. each of above 4 colors, 85 cts.

Lewisia Howelli

Lewisia Howelli

A creeping, hardy perennial, forming a wide rosette of narrow, crinkled foliage, not exceeding 3 inches in height, and throwing up stems about 6 inches long, crowned with flowers of apricot streaked with rose. A rare and lovely plant which will be of admirable effect on rockeries. From seed sown in spring the plants will bloom the following year. The seedlings should be given a sunny and well-drained situation and must not be over-watered. Pkt. 35 cts.; 3 pkts. 90 cts.

Dwarf Double Nasturtium, Golden Globe

Three Marigolds of Merit

Shown in color on page 1

DIXIE SUNSHINE. Award of Merit, 1936 All-America Seed Selections. From the land of Dixie to the gardens of the world comes this most modern, most charming, and unique Marigold. Sensationally new and fascinating, the large, ball-shaped flowers are ingeniously composed of dozens of tiny five-petaled florets, gracefully interlocking, daintily fringed in effect. Brilliant golden yellow, 100 per cent fully double, and but faintly scented with the characteristic Marigold odor, Dixie Sunshine is a ray of dazzling, pure beauty. Whether in the garden, on tall, bushy plants literally smothered with blooms, or when arranged for home decoration, the strong-stemmed flowers are a constant joy from August throughout the season until frost. Pkt. 25 cts.; large pkt. 75 cts.

GUINEA GOLD. This distinct type of Marigold is of graceful, pyramidal habit, growing 2½ feet high, producing a continuous abundance of semi-double, loosely ruffled flowers 2 to 2½ inches across, of a brilliant shade of orange flushed gold. The characteristic Marigold odor is much less pungent than in other sorts. Unsurpassed for cutting and its fine keeping qualities have helped to make it one of the most popular Marigolds. Pkt. 15 cts.; large pkt. 40 cts.

YELLOW SUPREME. A counterpart of the above in habit and growth, with large, rich creamy lemon-yellow flowers of mild honey fragrance. The foliage, as in Guinea Gold, is practically free from that objectionable Marigold odor. Pkt. 20 cts.; large pkt. 50 cts.

COLLECTION: One pkt. each of 3 varieties, 50 cts.

Marigold, Dwarf Double French Harmony

A remarkable break in the Dwarf French Marigolds, which differs from all existing forms in its habit and the shape and coloring of its flowers. The latter, almost suggesting those of a scabiosa, are of a bright golden yellow, bordered with a rich maroon-red, a most striking and effective combination of tints. The plants being about 12 inches high and of very bushy habit, form excellent material for bedding, and the flowers can be utilized for cutting. Pkt. 25 cts.

Marigold, Dwarf Double African Queen Strain

This new strain of African Marigolds is exceptionally fine for bedding. The plants are sturdy and when well grown form perfect pyramids, each carrying as many as 30 to 40 flowers fully open at the same time. The large blooms, measuring as much as 3 inches across, have flattish petals which take away from the plant that coarseness sometimes associated with African Marigolds. Height, 18 inches.

Golden Queen. Fine golden yellow.
Orange Queen. Deep orange.
Primrose Queen. Light primrose-yellow.
Yellow Queen. Clear lemon-yellow.
Queen, Mixed. All above varieties in mixture.

Each, pkt. 20 cts.; large pkt. 50 cts.
COLLECTION: One pkt. each of the above 4 colors, 65 cts.

Nicotiana affinis, Crimson Bedder

Though valued as a fine decorative plant for groups and the rear ranks of borders, *Nicotiana affinis* has hitherto not been found suitable for general bedding purposes. Crimson Bedder is a distinct break in this direction, being of dwarf, pyramidal habit, not exceeding about 15 inches in height. The rich deep crimson flowers are very freely produced, making a most striking effect when seen in the mass. See color plate, page 36. Pkt. 20 cts.; large pkt. 50 cts.

Dwarf Double Nasturtium, Golden Globe

Award of Merit, 1936 All-America Seed Selections. This pretty new variety is free flowering, long stemmed, sweet scented, and is of the same dazzling golden yellow color of Golden Gleam. However, the habit of the plant is quite different. Instead of being a semi-runner it forms an almost perfect globe, thus obviating the trouble of keeping the plant within the desired bounds. Pkt. 25 cts.; large pkt. 75 cts.

WE SPECIALIZE IN LAWN GRASS MIXTURES FOR EVERY PURPOSE.
See pages 3 and 4

RECENT NOVELTIES AND SPECIALTIES for 1936

Petunia hybrida, Flaming Velvet

Petunia grandiflora, Single Fringed, Dainty Lady

Received Awards of Merit, 1936 All-America Seed Selections and the Royal Horticultural Society of England. A remarkable introduction which brings us the first really yellow Petunia. The plants are neat, compact, semi-dwarf, and free flowering, bearing generous quantities of medium-sized, delicate, golden yellow flowers, beautifully fringed. Pkt. 50 cts.

Petunia hybrida, Flaming Velvet

Winner of the Gold Medal in the All-America Seed Selections for 1936. The flowers of striking rich velvety scarlet make a brilliant show. This variety is outstanding for color, type, and uniformity. Pkt. 25 cts.; large pkt. 75 cts.

Dwarf Giant Fringed Petunia, All Double

This dwarf, compact Petunia is remarkably uniform in habit and produces 100 per cent double-flowered plants. The flowers are large, fringed, and fully double, in a wonderful assortment of brilliant and fancy colorings. Very suitable for pots and borders as they seldom grow more than 10 inches in height. Pkt. 75 cts.; 3 pkts. $2.

Double Sweet-scented Nasturtiums

Shown in color on back cover

A remarkable development in this popular and easily grown species. The plant forms a vigorous, large bush which throws out short runners, averaging 18 inches, and when it is in full bloom the entire plant, including the runners, is a blaze of color. The large flowers are borne on erect, stiff stems 6 inches in length, and, consequently, stand well above the foliage, an arrangement which adds immeasurably to the showy appearance of the plant. A bouquet of these attractive flowers, distinctly double in form, will fill a room with pleasing fragrance, besides being a delight to the beauty-loving eye.

GOLDEN GLEAM (Bodger's). Large, double, sweet-scented, golden yellow flowers on long stems are borne profusely, well above the bright green foliage. Pkt. 10 cts.; ½oz. 20 cts.; oz. 35 cts.

SCARLET GLEAM (Bodger's). Deliciously fragrant flowers of fiery orange-scarlet. The individual blooms are of immense size, uniformly double, with long, wiry stems bearing the numerous flowers well above the lush green foliage. Pkt. 15 cts.; ½oz. 35 cts.; oz. 60 cts.

GLORIOUS GLEAM HYBRIDS (Bodger's). Gorgeously colored, large, well-formed, sweet-scented, double flowers of dazzling beauty. Colors never dreamed of before in a Double Nasturtium abound in profusion—glorious shades of salmon, golden yellow, orange-scarlet, cerise, cream-yellow, orange, crimson, and gold flushed scarlet. Stems are long and bear the flowers well above the foliage. For cutting or garden use has but few equals. Pkt. 15 cts.; ½oz. 30 cts.; oz. 50 cts.

COLLECTION: One pkt. each of above, 35 cts.

New Miniature Petunia Nana compacta

A charming new race of Dwarf Petunias with neat, compact plants smothered with blooms, as many as 25 to 30 open at one time. Indispensable for borders, window-boxes, pots, rock-gardens, and for bedding.

PINK GEM. Lovely deep pink blooms. Grows 5 to 6 inches high and about 8 inches in diameter. Planted with Blue Cap Ageratum the effect is most charming. Pkt. 25 cts.; large pkt. 75 cts.

ROSE GEM. A charming addition to the new miniature group and of the same rich, deep rose color that has made Petunia, Rose of Heaven so popular. The plant is neat and compact, 5 to 6 inches high, and smothered with blooms about 2 inches in diameter. Pkt. 25 cts.; large pkt. 75 cts.

FINEST MIXED. Well-balanced mixture. Each plant forms a perfect ball effect from 8 to 10 inches high and about 12 inches in diameter. Pkt. 25 cts.; large pkt. 75 cts.

Ruffled Martha Washington

A new break in Petunias. Martha Washington is a ruffled or frilled Nana compacta. Its growth is about 9 inches high and it forms a perfect ball effect, literally smothered with lovely frilled blooms about 3 inches in diameter. The color is quite remarkable. Frilled portion of the flower is a beautiful blush-pink and the center portion is strongly veined a rich wine-red, deepening in the throat, which is large, to dark violet, the whole forming a striking contrast of colors. The veining is so unique that the blooms closely resemble the pelargonium, for which it was named. Shown in color on second cover page. Pkt. 35 cts.; large pkt. $1.

New Phlox Drummondi Gigantea, Art Shades

A new strain of *Phlox Drummondi*, with flowers 1¼ to 1½ inches in diameter. In addition to its enormous flowers (which in itself would be enough to justify it as a novelty), it has a most wonderful range of color in soft art shades. These lovely tones, blended together, make a most beautiful mixture and a color combination never before seen in annual Phlox. There is a complete absence of harsh colors in this wonderful mixture, and it should appeal to those who are looking for soft color effects in their gardens. Plants about 9 inches high. Shown in color on inside front cover. Pkt. 25 cts.; large pkt. 75 cts.

Rudbeckia, Kelvedon Star

An annual with perfect, long-stemmed flowers for cutting on plants that are sturdy and free flowering. The flowers vary in size and form but all have a dark brown central disc surrounded by a shining mahogany zone on petals of deep golden yellow. Grows 3 feet high. Shown in color on page 36. Pkt. 20 cts.; large pkt. 50 cts.

New Giant Scabiosa

BLUE COCKADE. Purest deep azure-blue, entirely devoid of any suggestion of rose. The formation of the flower is far superior to those of existing varieties, and is of so great a depth as to be almost conical in shape. An excellent, strong-stemmed cut-flower. Pkt. 15 cts.; large pkt. 40 cts.

LOVELINESS. A glorious new color in Annual Scabiosas—soft, delicate salmon-rose. It has long, stiff stems and a delightful fragrance. Unsurpassed as a cut-flower. Pkt. 15 cts.; large pkt. 40 cts.

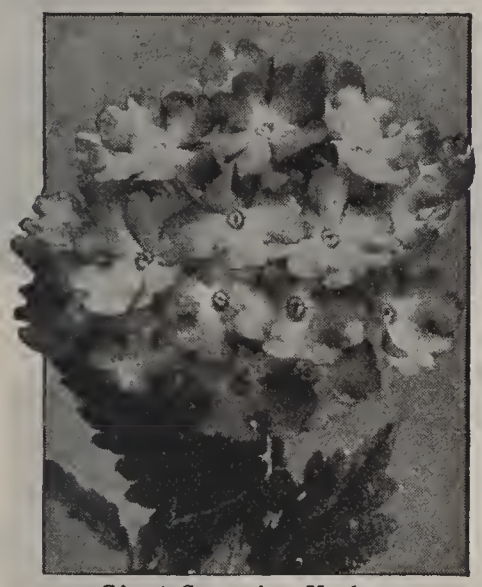
PEACH BLOSSOM. Flowers beautiful shade of peach-blossom-pink, of large size and borne on long stems. An excellent cut-flower. Pkt. 15 cts.; large pkt. 40 cts.

SHASTA. Large pure white flowers, 3½ inches across, with long stems. Pkt. 15 cts.; large pkt. 40 cts.

COLLECTION: One pkt. each of above, 50 cts.

Scabiosa, Blue Cockade

RECENT NOVELTIES AND SPECIALTIES for 1936



Giant-flowering Verbena

New Giant-flowered Verbenas

A magnificent strain of Verbenas of robust, compact habit, and free blooming. The trusses are immense, the individual florets measuring an inch in diameter.

BEAUTY OF OXFORD HYBRIDS. A remarkable improvement on Beauty of Oxford. The individual florets measure over 1 inch in diameter and the color shades from clear rose-pink to rose-red, making the brightest rose Verbena ever raised from seed. Pkt. 20 cts.; large pkt. 50 cts.

CERISE QUEEN. A beautiful soft salmon-cerise, quite a new shade in Verbenas, making a charming addition to this group. Pkt. 20 cts.; large pkt. 50 cts.

ETNA. Large trusses of geranium-red flowers with small, creamy eyes. Individual florets 1 inch in diameter. Pkt. 20 cts.; large pkt. 50 cts.

LAVENDER GLORY. True lavender, with a creamy white eye which accentuates the lovely lavender tone. The color runs quite even, and the individual florets will cover a 50-cent piece. It is also distinctly and sweetly fragrant. Pkt. 20c.; large pkt. 50c.

ROYALE. This is a Verbena of enormous size, the individual florets measuring over an inch and a quarter in diameter. The color is a rich, deep royal blue, with a large creamy yellow eye. Pkt. 20 cts.; large pkt. 50 cts.

SPECTRUM RED. This magnificent variety is an intense bright red. The absence of any eye makes it the most brilliant and dazzling of any Verbena. Pkt. 20 cts.; large pkt. 50 cts.

COLLECTION: One pkt. each of the above 6 varieties, $1

Ursinia anethoides, Hybrids

These are the most attractive and useful of the many species of Ursinia native to South Africa, being easy to grow, and the blossoms remaining open until dark. The plants form large cups of leaves from which spring up long, wiry stems, bearing flowers of a rich orange with central zones of color varying from ruby-red to dark purple. These very showy hardy annual plants will do excellent service both for cutting and for garden decoration. Pkt. 20 cts.; large pkt. 50 cts.

Venidium

FASTUOSUM. A half-hardy South African annual which can be grown either outside or under glass. It reaches a height of 2 to 3 feet, with long, serrated leaves. Flowers 4 to 5 inches across, of a most brilliant orange, with dark center and black-purple zone at the base of the petals. Seed should be sown in April or early May, as germination is difficult if sown early. For best results, give a sunny location. Pkt. 25 cts.; large pkt. 75 cts.

FASTUOSUM HYBRIDS. A most wonderful strain of hybrids of this showy annual in a wide range of colors, including pale yellow, canary-yellow, salmon, rose, orange, and white—all in lovely contrast to the purple, blue, or brown centers. Pkt. 50 cts.

Venidium fastuosum

Viola

The improved forms of *Viola cornuta* are rapidly growing in favor. They flower continuously for nearly eight months in the year, and while their flowers are not so large as those of the pansy, their bright colors and floriferousness make them welcome additions to the garden or rockery.

BLUE GEM (JERSEY GEM). Blue Gem forms a large, compact plant, producing a continuous profusion of bloom for a very long period. The flowers are a very pleasing shade of deep violet-blue, with an occasional very slight variation in tint. Has a wonderful power of resisting drought. Pkt. 35 cts.; large pkt. $1.

ARKWRIGHT RUBY. This beautiful, bright ruby-crimson Viola, with its wonderful terra-cotta shadings and its outstanding central markings, has invariably attracted great admiration wherever seen. Very free flowering and has a hardy constitution. An added attraction is its exquisite fragrance. Pkt. 50 cts.; 3 pkts. $1.25.

LAVENDER GEM. A replica of the popular favorite Blue Gem, having the same admirable qualities of compactness of habit and continuous profusion of bloom. The color is a soft, deep shade of lavender. Pkt. 50 cts.; 3 pkts. $1.25.

PURPLE GEM. A mutation out of Jersey Gem of the same habit, but the flowers are a most attractive shade of pure purple. It is a perpetual bloomer and just as free flowering as Jersey Gem. Pkt. 50 cts.; 3 pkts. $1.25.

YELLOW QUEEN. A large-flowering, deep yellow Viola, coming practically 100 per cent true from seed. Very free flowering. Pkt. 50 cts.; 3 pkts. $1.25.

COLLECTION: One pkt. each of the above 5 varieties, $2.15

Sweet William, Alpine

This dwarf Sweet William grows only 4 to 6 inches high, forming a compact bush. The flowers, which literally cover the shapely plants, come in every color known in Sweet Williams. A gem for the border and rock-garden. Pkt. 25 cts.; large pkt. 75 cts.

Zinnia, Double California Giants

The great advantage of this type is that the very large flowers are imbricated and flat, getting away from the conical type of the Giant-flowered and eliminating the stiffness that has been objectionable in Zinnias in the past. The blooms, from the time they open, are attractive, making a fine cut-flower. They are twice the size of the ordinary Double Giants.

CERISE QUEEN. Pure, bright flaming orange-rose.
DAFFODIL. Bright canary-yellow.
ENCHANTRESS. Tyrian rose.
LAVENDER GEM. Deep lavender.
LEMON QUEEN. Lemon-orange.
MISS WILLMOTT. Soft pink.
ORANGE KING. Burnt-orange.
PURITY. White.
SALMON QUEEN. Deep salmon-rose.
SCARLET GEM. Glowing scarlet.

Any of above, pkt. 15 cts.; ¼oz. 65 cts.

Mixed. Pkt. 15 cts.; ¼oz. 50 cts.; oz. $1.50.

COLLECTION: One pkt. each of the above 10 varieties, $1.25

Shown in color on inside back cover

Zinnia, Fantasy

The most fascinating new Zinnia type introduced to the flower world in many years. Informal, shaggy, graceful, and interesting, it is distinct from the stiff, formal Zinnia to which we are accustomed. The color-range includes the brightest shades of red, yellow, and orange, as well as the popular pastel pinks and cream. The rounded, medium-sized flowers lend themselves gracefully to flower arrangement. Shown in color on inside back cover. Mixed, pkt. 20c.; large pkt. 50c.

Viola, Blue Gem

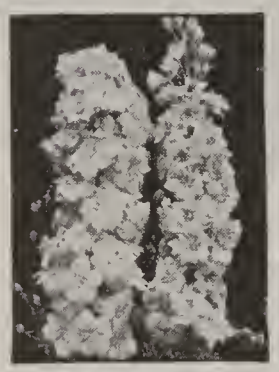
Ageratum

Cosmos

Lupins

Primulas

Comet Aster



Delphinium

Digitalis

Flowers and Plants for Different Purposes and Situations

WHICH CAN BE GROWN FROM SEED

FLOWERING ANNUALS

Including some perennials which flower the first season from seed. Those marked * are the best for massing in beds and borders.

Abronia
Acroclinium
*Ageratum
*Alyssum
*Antirrhinum
*Arctotis
*Aster
Balsam
Begonia
*Calendula
*Calliopsis
*Candytuft
*Celosia
*Centaurea
Chinese Wool Flower
*Chrysanthemum
*Clarkia
*Coreopsis
*Cornflower
*Cosmos
Daisy
*Dianthus
*Dimorphotheca
*Eschscholtzia
*Gaillardia
*Godetia
Gomphrena
Gypsophila
Helianthus
Helichrysum
*Hunnemannia
Jacobaea
Kaulfussia
*Larkspur
Limnanthes
*Linum
Lobelia
*Lupinus
*Marigold
Marvel of Peru
Mignonette
Myosotis
*Nasturtium
Nemophila
Nicotiana
*Nigella
*Pansy
*Petunia
Phacelia
*Phlox
Pinks
*Poppy
Portulaca
Rhodanthe
Salpiglossis
*Salvia
Saponaria
Scabiosa
Schizanthus
Stevia
*Stocks
Sunflower
Sweet Peas
*Tagetes
Verbena
*Zinnia

FLOWERING PERENNIALS

Aconitum
Adonis
Anchusa
Anemone
Aquilegia
Arenaria
Armeria
Asclepias
Aubrietia
Auricula
Bellis
Boltonia
Campanula
Carnation
Chelone
Chrysanthemum
Coreopsis
Daisy
Delphinium
Dictamnus
Digitalis
Echinops
Edelweiss
Eremurus
Erigeron
Eryngium
Eupatorium
Gaillardia
Gypsophila
Helianthemum
Heliopsis
Hollyhock
Inula
Liatris
Lobelia
Lupinus
Lychnis
Myosotis
Nierembergia
Oenothera
Pentstemon
Phlox
Platycodon
Polemonium
Polyanthus
Poppy, Orientale
Pyrethrum
Salvia
Saxifraga
Scabiosa Caucasica
Shasta Daisy
Stachys
Statice
Sweet William
Thalictrum
Trollius
Verbascum
Viola
Violet
Wallflower

FRAGRANT FLOWERS

Alyssum
Candytuft
Carnation
Centaurea
Cyclamen
Dictamnus
Heliotrope
Lupinus
Mignonette
Mimulus Moschatus
Nicotiana Affinis
Polyanthus
Scabiosa
Stocks
Sweet Peas
Sweet William
Violet
Wallflower

ORNAMENTAL FOLIAGE PLANTS

Amaranthus
Centaurea Candidissima
Cineraria Maritima
Coleus
Kochia
Pyrethrum
Ricinus

EDGING AND BORDER PLANTS

Ageratum
Alyssum
Arenaria
Armeria
Aubrietia
Begonia
Bellis
Candytuft, Dwarf
Centaurea Candidissima
Cineraria Maritima
Daisy
Dimorphotheca
Kaulfussia
Lobelia
Marigold, French
Myosotis
Nasturtium, Tom Thumb
Nemophila
Pansies
Petunia, Rosy Morn
Phacelia
Phlox Drummondi
Polyanthus
Pyrethrum
Stachys
Tagetes Signata Pumila
Viola
Violet

VARIETIES FOR SHADED AND PARTIALLY SHADED PLACES

Adlumia
Aquilegia
Auricula
Begonia, Tuberous
Bellis
Cineraria
Clarkia
Daisy
Dictamnus
Digitalis
Godetia
Kenilworth Ivy
Lobelia Cardinalis
Mimulus
Myosotis
Nemophila
Polemonium
Polyanthus
Primula
Saxifraga
Viola
Violet

PLANTS FOR HANGING BASKETS ETC.

Alyssum
Asparagus Sprengeri
Begonia
Kenilworth Ivy
Lobelia
Maurandia
Nasturtium
Nierembergia
Petunia
Thunbergia

CLIMBING ANNUALS

Balloon Vine
Canary Bird Vine
Cardinal Climber
Cobæa Scandens
Cypress Vine
Dolichos
Echinocystis
Humulus
Ipomœa
Momordica
Nasturtium
Scarlet Runner Bean

Mignonette

Eschscholtzia

Nasturtium

Sweet Peas

FLOWER SEED COLLECTIONS, SEE NEXT PAGE

WATERER'S SUPERB

Flower Seed Collections

THESE special collections have been carefully prepared to secure a continued succession of bloom, and to provide flowers for both cutting and garden decoration. They are time-savers for busy people, who desire good, dependable flowers, but lack time or experience to choose the best from the bewildering number of varieties offered in catalogues.

Either collection will provide ample plants to furnish a goodly garden, but the best results will naturally occur from a judicious mingling of Annuals and Perennials.

Descriptions of the various sorts will be found in their proper place in the catalogue

Annual Flower Garden Collection, $1.50

IF PURCHASED SEPARATELY THIS COLLECTION WOULD COST $2

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Ageratum, Blue Perfection	15
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Perennial Flower Garden Collection, $1.75

IF PURCHASED SEPARATELY THIS COLLECTION WOULD COST $2.35

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Rock-Garden Collection, $1.25

IF PURCHASED SEPARATELY THIS COLLECTION WOULD COST $1.60

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Waterer's Choice Flower Seeds

Our Flower Seeds are all procured from the best sources in America and Europe, and are of the very Highest Quality

CULTURAL HINTS. Flower seeds are usually divided into Annuals, those living one year; Biennials, those living two years, and usually not flowering until the second year; and Perennials, those living from year to year. Annuals may be made to flower much earlier and many Biennials and Perennials may be made to flower the first year by starting early in hotbeds or in a window in the house.

For starting in the house, use a shallow box about 3 inches deep and bore ½-inch holes in the bottom for drainage. Fill the box with one-third good loam or garden soil, one-third leaf-mold, and one-third well-rotted manure, mixed thoroughly and sifted through a fine sieve. Press lightly and sow seed on top of the soil, covering thinly and pressing the earth gently with a board. It is a good rule to cover house-sown seed three times its own depth. But some seeds, such as *Celosia Childsi*, must not be covered even as much as this. Fine seeds, like Petunia, should be sown on top of the ground and just pressed in with the hand, watered with a fine spray, and covered with glass until they come up, when the glass should be removed. Be careful not to water the young plants too much as it will cause them to damp off.

When the young plants are well out of the seed-leaf, they must be transplanted into boxes, setting them about 1 inch apart, or they may be transplanted into small pots. Transplant to the garden when the ground warms up to assure safety of the plants.

In sowing in the open ground, have the seed-bed well pulverized, cover the seed from five to eight times its size, and press the ground lightly over them to preserve the moisture.

Achillea

ABUTILON • (Flowering Maple)

Perpetual flowering greenhouse shrubs of easiest cultivation, and invaluable for summer bedding or conservatory decoration. Seeds sown in March produce flowering plants the first season. The blooms are bell shaped, and of exquisite texture. 3 to 4 feet.

	Pkt.
Extra Choice Mixed. Saved from a splendid collection, in shades of White, Yellow, Pink, and Crimson.....	$0 25

ACHILLEA • (Yarrow)

Ptarmica, The Pearl. One of the best hardy perennials. A profusion of small, double white flowers all season. Fine for cutting. 2½ feet..... Large pkt. 40 cts...	15
Filipendula, Gold Cloth. Large vivid yellow flowers. 3 feet..... Large pkt. 40 cts...	15
Millefolium, Cerise Queen. Bright cherry-red. 2 feet..... Large pkt. 40 cts...	15

ABRONIA • (Sand Verbena)

	Pkt.
Umbellata grandiflora. Trailing annual, with verbena-like rose flowers with white centers. For dry, poor soil and sunny situations on rockwork. 6 inches.....Large pkt. 25 cts...	$0 10

ACROCLINIUM

Pretty annual, with white and rose-colored daisy-like flowers. The "Immortelles," so desirable for winter bouquets. 1 foot.

	Pkt.
Double Mixed.....¼oz. 30 cts...	$0 10
Single Mixed.....¼oz. 25 cts...	10

New Large-flowering Hybrids. See Novelties and Specialties, page 6.

ACONITUM • (Monkshood)

Wilsoni. Clear blue flowers in large trusses. Excellent for cutting. 4 feet. September.....Large pkt. 75 cts...	25
Napellus. Blue. Hardy perennial plant, with showy panicles of helmet-shaped flowers; does well in shady places. 4 feet. July, August. Large pkt. 40 cts..	15

ADLUMIA · Allegheny Vine

Fungosa (**cirrhosa**). A graceful, hardy biennial climber with beautiful dark rose flowers and delicate feathery foliage. Excellent for covering trellises, stumps, etc. Large pkt. 25 cts... Pkt. $0 10

ADONIS

Vernalis. A hardy perennial with large, bright yellow flowers and elegant foliage. Blooms in April and May. 18 inches..... Large pkt. 40 cts... 15

AGATHAEA (Felicia)

Amelloides (**cœlestis**) (Blue Daisy). Flowers sky-blue with yellow disc. Perennial plants of easy growth, useful in the border, for bedding, and as a pot-plant for conservatory decoration.....Large pkt. 25 cts... 10

AGERATUM · Floss Flower

A hardy annual of easy culture, especially valuable for bedding, as it is literally covered with blossoms all summer. Sow early in spring, in boxes to transplant, or outdoors, and thin to 4 to 6 inches.

Blue Cap. The best dwarf Ageratum yet offered. The flowers are larger than those of Little Blue Star and of a deeper, richer blue color. Its small foliage, combined with its regularity of form and compactness of habit, makes this an ideal subject for edging to borders.....Large pkt. 40 cts...$0 15

Blue Perfection. Large heads of deep blue flowers produced in abundance. Choice bedder and fine for cutting. 1 foot.... ¼oz. 35 cts... 10

Little Dorrit. A mass of blue flowers. 6 inches..¼oz. 35 cts... 10

Little Dorrit, White. A white form of the above. 6 inches.. ¼oz. 35 cts... 10

Little Blue Star. A very dwarf variety, densely covered with small, light blue flowers.....Large pkt. 40 cts... 15

Princess Victoria Louise. A beautiful variety of compact, even growth, rarely exceeding 8 inches in height. The flowers are sky-blue with white center.....¼oz. 35 cts... 10

AGROSTEMMA

Coronaria (Rose of Heaven; Mullein Pink). Hardy perennial, with silvery white leaves and red flowers, borne on long slender stems; fine for cutting. 2 feet.....¼oz. 25 cts... 10

AMARANTHUS

Hardy annuals, grown especially for their brilliant foliage.

Caudatus (Love-lies-bleeding). Light yellowish green foliage; long, drooping, crimson flower-spikes. 3 to 4 feet..... Large pkt. 25 cts... 10

Molten Fire. Deep green and bronze leaves, developing a brilliant head of dazzling carmine-scarlet in late summer and fall. Large pkt. 50 cts... 20

Tricolor splendens (Joseph's Coat). Plants 3 feet high, with brilliant red, scarlet, and yellow leaves...Large pkt. 25 cts... 10

Ageratum, Blue Cap

ALYSSUM

Fragrant, hardy annuals and perennials, the annual kinds bearing spikes of small, usually white flowers in great profusion throughout the summer and autumn, and the perennial sorts masses of yellow bloom in early spring. Useful for rock-garden, edging borders and beds of other flowers.

	Pkt.	¼oz.
Little Dorrit. This variety forms a perfect little bush with miniature white rocket flowers... Oz. 75 cts...	$0 10	$0 25
Carpet of Snow (Little Gem). The dwarfest of all Alyssums. Of creeping habit, forming a dense carpet of beautiful white flowers, produced so freely that the foliage can scarcely be seen. 4 inches.. Oz. 75 cts...	10	25
Sweet Alyssum (*A. maritimum*). Of trailing habit; flowers white.....½oz. 20 cts.; oz. 35 cts...	10	
Lilac Queen. A distinct, new annual variety with pure lilac-colored flowers..... Oz. 75 cts...	10	25
Lutescens. Upright spikes of creamy yellow flowers. Annual. 6 inches..... Oz. 75 cts...	10	25
Saxatile compactum. A pretty perennial Alyssum for rock-gardens and borders. Produces masses of bright yellow flowers in early spring. 9 inches.....	10	40
Saxatile luteum (Silver Queen). Same as above except flowers are sulphur-yellow.....Large pkt. 40 cts...	15	
Serpyllifolium. Very dwarf perennial, 4 to 5 inches high, with racemes of pale yellow flowers and rough, hoary leaves. Charming for the rock-garden..... Large pkt. 40 cts...	15	

Alyssum

ANAGALLIS · Pimpernel

An attractive, low-growing annual, 6 inches high, completely covered during the greater part of the season with starry flowers of brilliant colors that open only in the sunshine. Excellent for the border or rockery. **Mixed**...Large pkt. 25 cts., pkt. 10 cts.

ANCHUSA

	Pkt.	¼oz.
Capensis (Cape Forget-me-not). A very pretty annual, blooming all summer. Large, forget-me-not-like flowers of purest blue, on slender stems. Very attractive in beds and fine for cutting. 18 inches.....	$0 10	$0 25
Capensis, Bluebird. The plants are of compact habit, with flowers of a vivid indigo-blue.....Large pkt. 40 cts...	15	
Italica, Dropmore. A lovely blue perennial, blooming during May and June. The flowers of deep gentian-blue are produced in loose clusters on long spikes. 4 feet.....	10	25
Italica, Lissadell. Improved form of Dropmore; strong, vigorous growth, growing about 5 feet high; sprays of extra-large, gentian-blue flowers.....	15	40
Myosotidiflora. A distinct, dwarf perennial variety from Russia, with clusters of charming blue flowers resembling forget-me-nots. Grows 1 foot high and blooms in May. An effective rock-plant for shady places..... Large pkt. 75 cts...	25	

ANEMONE · Windflower

	Pkt.
Coronaria. Mixed colors.....Large pkt. 25 cts...	$0 10
St. Brigid (Creagh Castle Strain). A beautiful selection, comprising semi-double and double flowers.....Large pkt. 50 cts...	20

ANTHEMIS · Hardy Marguerite

Tinctoria Kelwayi. A handsome, hardy perennial, bearing daisy-like bright yellow flowers all summer; excellent for cutting. 2 feet.....Large pkt. 25 cts... 10

Royal Aster

Single Aster

Giant Comet Aster

Branching Aster

WATERER'S SUPERB ASTERS

There are few flowers that make a better show in the fall than the Asters. They are, perhaps, the most popular annual flower grown, and justly so on account of their ease of culture, season of bloom, and lasting qualities, both in the garden and as a cut-flower. To be able to cut Asters abundantly and over the longest possible period, you should make several sowings of the early, midseason, and late-flowering types. Sow the seed in shallow boxes in the house or in the hotbed in March; transplant the seedlings 2 inches apart in boxes, when they are large enough to handle; and plant to permanent beds in May. The second sowing can be made in the coldframe the latter part of April. The third sowing should be made the latter part of May. Set the plants of early varieties 10 inches apart in the row, and those of the later varieties 15 to 18 inches apart. The richer the ground the better your flowers will be, and water is very necessary. In the following list you will find not only the standard varieties of merit, but many of the newer sorts which we know are sure to please.

EARLY-FLOWERING ASTERS

Express, Extra Early Aster

Early-flowering Asters of great merit, not only for garden purposes but of even more value for early cut-flowers, as they come into bloom in the open ground with us by the middle of July. They are the largest early Asters of which we know, of double Comet type, splendid substance and long stems; plants healthy, sturdy, of branching habit, 1½ feet high; free bloomers.

	Pkt.	⅛oz.		Pkt.	⅛oz.
Dark Blue	$0 15	$0 50	**White**	$0 15	$0 50
Rose	15	50	**Light Blue**	15	50
Carmine-Rose	15	50	**Finest Mixed**	15	40
Crimson	15	50			

COLLECTION: One pkt. each of above 6 colors, 75 cts.

Queen of the Market

These well-known, early-flowering Asters are of a branching habit, about 1½ feet high, and come into bloom directly after the Extra Early Express. The perfect flowers are borne on long stems and in great variety of colors, making them extremely useful for cutting.

	Pkt.	⅛oz.		Pkt.	⅛oz.
Crimson	$0 10	$0 35	**Rose**	$0 10	$0 35
White	10	35	**Lavender**	10	35
Pink	10	35	**Purple**	10	35
			Finest Mixed	10	30

COLLECTION: One pkt. each of above 6 colors, 50 cts.

Early Royal

One of the best early-flowering sorts. It is quite similar in type of flower to the Late Branching, but will come into bloom only about a week later than Queen of the Market. Very desirable for beds or borders and an excellent variety for cutting.

	Pkt.	⅛oz.		Pkt.	⅛oz.
Lavender	$0 10	$0 40	**Peach-Blossom**	$0 10	$0 40
Purple	10	40	**Shell-Pink**	10	40
Rose-Pink	10	40	**White**	10	40
			Mixed	10	35

COLLECTION: One pkt. each of above 6 colors, 50 cts.

Single Aster, Southcote Beauty

This fine race of giant single Ostrich Plume Asters has become very popular. The large flowers have long, perfectly formed petals, but the golden yellow centers are comparatively small. They are carried on long, stiff stems, 12 to 20 inches in length. Of branching habit, they attain a height of 2 to 2½ feet and are unrivaled for cutting and house decoration.

	Pkt.	⅛oz.		Pkt.	⅛oz.
Dark Blue	$0 15	$0 50	**Scarlet**	$0 15	$0 50
Light Blue	15	50	**White**	15	50
Rose	15	50	**Mixed**	15	50

COLLECTION: One pkt. each of above 5 colors, 60 cts.

MIDSEASON ASTERS

California Giants

Crego or Ostrich Feather type, having very robust habit and long stems. Flowers are much larger and more substantial than the Crego, often measuring 5 to 6 inches in diameter. A good keeper and makes an excellent shipping flower. Their immense size and beauty, as well as their long and sturdy stems, make them very attractive for both garden and vase.

	Pkt.	Large pkt.		Pkt.	Large pkt.
Peach-Blossom	$0 25	$0 75	**Dark Purple**	$0 25	$0 75
Light Blue	25	75	**White**	25	75
Light Purple	25	75	**Mixed**	25	75
Deep Rose	25	75			

COLLECTION: One pkt. each of above 6 colors, $1.25

Giant Comet

An ideal class for cut-flowers, being not only most profuse bloomers, but each individual flower is borne on a stiff stem and resembles an exquisitely curled and twisted Japanese chrysanthemum. 2 feet.

	Pkt.	⅛oz.		Pkt.	⅛oz.
White	$0 10	$0 40	**Lavender**	$0 10	$0 40
Shell-Pink	10	40	**Purple**	10	40
Rose	10	40	**Finest Mixed**	10	35
Crimson	10	40			

COLLECTION: One pkt. each of above 6 colors, 50 cts.

King

A magnificent class of Asters, distinct from all others in the character of the flower. The long, narrow petals are folded lengthwise, appearing almost as though quilled. The flowers are of great size and substance and last longer when cut than those of any other class. The plants are large and the stems exceptionally long and strong.

	Pkt.	⅛oz.		Pkt.	⅛oz.
White	$0 10	$0 35	**Violet**	$0 10	$0 35
Peach-Blossom	10	35	**Lavender**	10	35
Rose	10	35	**Finest Mixed**	10	30
Crimson	10	35			

COLLECTION: One pkt. each of above 6 colors, 50 cts.

Single Giants of California

The flowers are large, measuring 3 to 4 inches across, with stems 1½ to 2 feet in length, and the petals have a slight twist, which adds a piquant touch to their beauty. In the garden, they add a charming note of simplicity among the fuller types of Asters.

	Pkt.	⅛oz.		Pkt.	⅛oz.
White	$0 10	$0 35	**Purple**	$0 10	$0 35
Rose	10	35	**Finest Mixed**	10	35
Light Blue	10	35			

COLLECTION: One pkt. each of above 4 colors, 35 cts.

IMPROVED CALIFORNIA GIANT SUNSHINE. See Novelties and Specialties, page 6.

LATE-FLOWERING ASTERS

American Beauty

This beautiful variety is, beyond doubt, one of the grandest sorts in cultivation. It is of the Late Branching type, growing from 2 to 2½ feet high. The flowers are large and full, with incurved petals measuring from 4 to 5 inches in diameter, and are borne on stems from 15 to 20 inches long.

	Pkt.	⅛ oz.
Shell-Pink	$0 15	$0 50
Deep Rose	15	50
Crimson	15	50
Azure Blue	15	50
Purple	$0 15	$0 50
White	15	50
Mixed	15	40

COLLECTION: One pkt. each of above 6 colors, 75 cts.

Giant Late Branching

This superb strain is of American origin and is especially adapted to our climatic conditions. The plants form strong, branching bushes, 2 to 2½ feet high, bearing on long, strong stems their handsome chrysanthemum-like flowers, which under ordinary cultivation, average 4 inches across. The form of the flowers, together with the length of the stems, places them at the head of Asters for cutting. They come into bloom from two to three weeks after the average type, usually being at their best during September.

	Pkt.	¼ oz.
Crimson	$0 10	$0 60
Lavender	10	60
Purple	10	60
Rose-Pink	10	60
Shell-Pink	$0 10	$0 60
White	10	60
Finest Mixed	10	50
	Oz. $1.50	

COLLECTION: One pkt. each of above 6 colors, 50 cts.

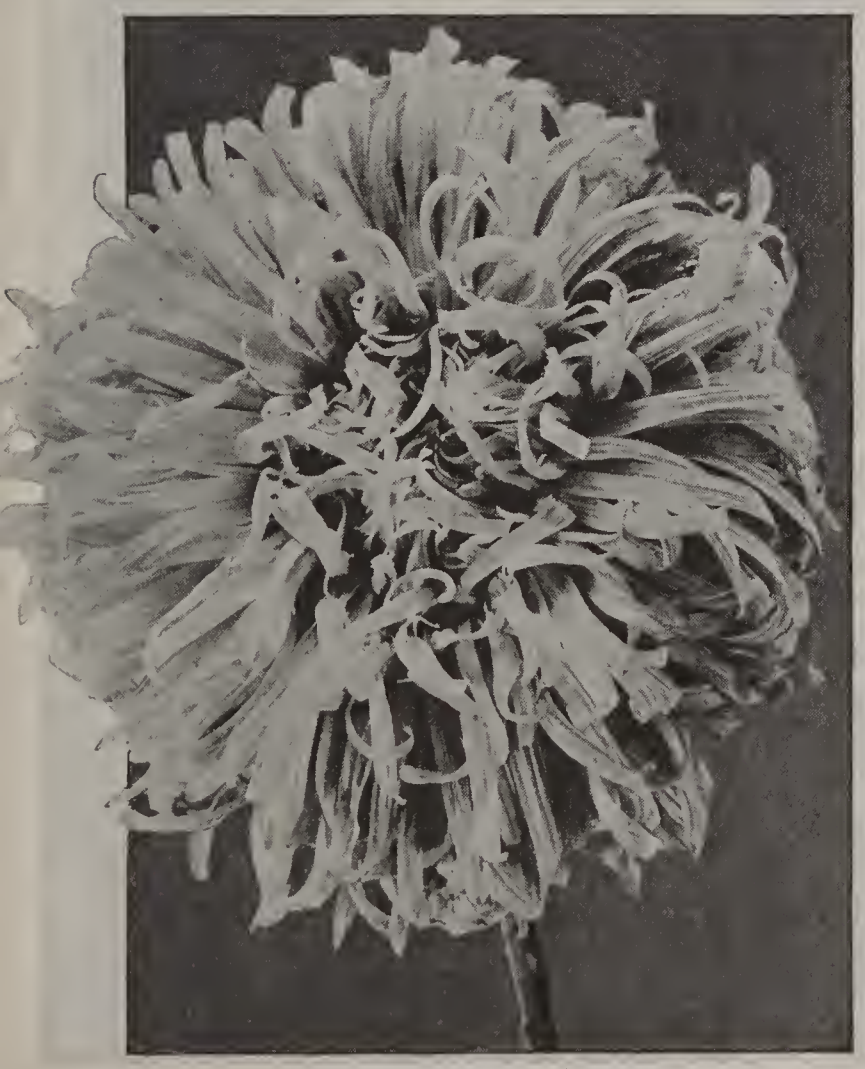
Four Superb Asters

EL MONTE. See Novelties and Specialties, page 7.

LOS ANGELES. See Novelties and Specialties, page 7.

PEERLESS PINK. The finest pink of the late branching Asters. Plants are of robust, free-branching habit, bearing magnificent blooms 4 to 5 inches in diameter on 18-inch stems. The color is a rich shell-pink. Pkt. 15 cts.; large pkt. 40 cts.

PEERLESS YELLOW. The best yellow Aster. Plants grow 2 feet tall, with flowers of good size and form. The color is a deep yellow, fading slightly as it ages. Pkt. 15 cts.; large pkt. 40 cts.



Aster, California Giant

Aster, El Monte

Wilt-Resistant Strains

We are offering the following varieties of Fusarium Wilt-resistant strains which we believe will be practically immune to this disease.

AMERICAN BRANCHING, Azure-Blue, Light Rose, Shell-Pink, White, and **Mixed.**

CREGO, Dark Violet, Deep Rose, Shell-Pink, White, and **Mixed.**

EARLY ROYAL, Azure-Blue, Deep Rose, Peach-Blossom, White, and **Mixed.**

HEART OF FRANCE. The best pure red.

AURORA, GOLDEN SHEAF. See Novelties and Specialties, p. 6.

Any of the above varieties, pkt. 20 cts.; large pkt. 50 cts.

Hardy Perennial Asters

Alpina, Goliath. Soft blue flowers with yellow centers in May and June. 1 foot. Excellent for rockery. Pkt. 15 cts.; large pkt. 40 cts.

Subcæruleus, Delight. Graceful, lavender-blue flower with yellow disc, measuring more than 4 inches across, on stems 28 inches long. Blooms in May and June. Pkt. 20 cts.; large pkt. 50 cts.

Mixed (Michaelmas Daisy). These are the popular, fall-flowering, hardy Asters. They bear masses of single, star-like flowers in a fine range of colors. 4 feet. Pkt. 15 cts.; large pkt. 40 cts.

ARMERIA · Sea Thrift

	Pkt.
Formosa. Dwarf-growing perennial, with grassy leaves and a tufted habit of growth. The rose-pink flowers are borne in globular heads from May till September. Suitable for edgings, borders, and rock-garden. Large pkt. 40 cts.	$0 15
Laucheana. Produces a mass of rosy crimson flowers all summer. Fine for edging and planting in rockery. 6 inches. Large pkt. 40 cts.	15

ARTEMISIA

Sacrorum viride (Summer Fir). A new ornamental foliage plant from China, with pyramidal bushes 3 to 5 feet high. May be grown in groups and borders; also pretty as a pot-plant. Foliage fine and of a rich dark green. Plants cultivated in the open ground may be successfully planted in pots without any interruption of their growth. Large pkt. 40 cts. 15

For Waterer's Superb Flower Seed Collections, see page 13

Antirrhinum · Snapdragon

Seed should be sown either in the house from February on or in hotbeds from March onward. Snapdragons belong to the aristocrats of the garden. They appear in the most pleasing shades, are extremely stately in appearance, and useful in unlimited degree, being fine for both bedding and cutting purposes. They are offered in two classes as to height, the giants growing fully 3 or more feet high; the semi-dwarf, about 1½ feet. The pretty flowers, which completely encircle the stout stem to fully 1 to 1½ feet at the top, are very large and from their form their name has been derived. Seed-pods should never be allowed to form, and flower-stalks, after blooming, should be promptly removed. Snapdragons flower continuously from July to frost.

WATERER'S SUPERB GIANT-FLOWERED

A group of the finest named varieties of this favorite flower which is so much prized nowadays for both showy effects in the garden and exquisite bouquets of cut-flowers. This is a new and distinct class that surpasses any previous introductions. Flowers larger and the spikes are larger and heavier.

Apple Blossom. Pink.
Canary Bird. Delicate yellow.
Copper King. Bronzy copper.
Old-Gold. Golden orange.
Purple King. Deep garnet.
Salmon-Rose. Lovely shade.
Snowflake. Pure white.
The Rose. Rosy pink.
Mixed.

Each, pkt. 20 cts.; large pkt. 50 cts.

COLLECTION: One pkt. each of above 8 varieties, $1.25

Giant Improved Early-Flowering. See page 6.

HALF-DWARF VARIETIES

These grow about 20 inches in height and produce spikes of flowers of the largest size.

	Pkt.	⅛oz.
Silver Pink. Soft pearly pink.	$0 10	$0 35
Defiance. Orange-scarlet.	10	35
Empress. Rich velvety crimson	10	35
Amber Queen. Amber, suffused chamois	10	35
Peerless Pink. Cameo-pink	10	35
Golden Queen. Rich yellow	10	35
Gloria. Rich deep rose-pink	10	35
Purity. Pure white	10	35
Mixed. All colors	10	30

COLLECTION: One pkt. each of the above 8 varieties, 65 cts.

ROCK HYBRIDS. Early-flowering hybrids forming small, compact bushes with variously colored flowers in shades of rose, pink, purple, mauve, and bicolor. Is especially suitable for rockery and edging. 6 inches. Pkt. 20 cts.; large pkt. 50 cts.

GREENHOUSE FORCING VARIETIES

Afterglow. Finest deep golden bronze. Pkt. $1.25.
Allman's Pink. True rose-pink like the Briarcliff rose. Early flowering and of wonderful keeping quality. Original pkt. $1.25.
Beau Pre Beauty. Striking combination of rose and old-gold. Early and free flowering. Height 24 inches. Pkt. $2.
Ceylon Court. Canary-yellow. Early and free flowering. Pkt. $1.25.
Cheviot Maid Supreme. A glowing clear pink, showing no yellow on the lip. Large flowers on strong stems. Original pkt. $1.25.
Jenny Schneider. An early-flowering variety of a beautiful Columbia-rose-pink. Original pkt. $1.
Nelrose. Rich coral-pink. Pkt. 25 cts.
Philadelphia Pink (Allman's). Rich, glowing pink, approaching that of the Ward carnation. Original pkt. $1.
White Rock. Extra-early; pure white; strong and free grower. Pkt. $1.25.

GIANT-FLOWERED VARIETIES

Flower-stems will grow to a height of 3 feet or more and flowers are unusually large. Allow 9 inches between the plants.

	Pkt.	⅛oz.
Cardinal. Dazzling scarlet	$0 10	$0 50
Crimson King. Rich crimson	10	50
Golden King. Golden yellow	10	50
Venus. Flesh-pink	10	50
Queen Victoria. Pure white	10	50
Rose King. Deep rose self	10	50
Autumn Glow. Old-rose, shaded terra-cotta	10	50
Torchlight. Orange, yellow lip	10	50
Mixed	10	35

COLLECTION: One pkt. each of the above 8 colors, 65 cts.

Rustproof Antirrhinum. See Novelties and Specialties, page 6.

Waterer's Half-Dwarf Snapdragons

AQUILEGIA · Columbine

A hardy perennial of great beauty. The long-spurred type gives elegant cut-flowers. If sown in summer, plants will be ready by autumn for transplanting to the border to flower next May and June.

	Pkt.	Large pkt.
Alpina. Beautiful, rare variety with short-spurred, powdery blue flowers. A gem for the rockery. 1 foot.	$0 15	$0 40
Canadensis (Wild Columbine). Excellent for rock-garden or hardy border. The scarlet and yellow flowers bloom freely on plants 1 foot high	15	40
Californica hybrida. Large yellow flowers; dark orange spurs	15	40
Chrysantha. Rightly called the Golden Columbine. Fragrant and showy with long and slender spurs. 2 to 3 feet	15	40
Cærulea (Rocky Mountain Columbine). Sky-blue, with white corolla and long spurs. 2 feet	15	40
Copper Queen. Petals and outside of corolla copper-red, with long spurs of deeper hue, inside of corolla straw-color	25	75
Crimson Star. *New.* Long spurs and petals of brilliant dark crimson with creamy white corolla	25	75
Glandulosa vera. (True.) Large, bright sky-blue flowers; white corolla; incurved spurs	35	1 00
Longissima. See Novelties and Specialties, page 7		
Rose Queen. Beautiful, long-spurred, rose-colored flowers with white centers and yellow anthers—a most delicate combination of colors	25	75
Long-spurred, Blue Shades	25	75
Long-spurred, Pink Shades	25	75
Long-spurred, Orange and Scarlet Shades	25	75
Long-spurred, Snow Queen. Pure white; very fragrant	25	75
Dobbie's Imperial Hybrids. Includes a magnificent range of color. This strain is the result of many years of careful selection and has very long spurs and fine form	25	75
Mrs. Scott Elliott's Strain. One of the finest strains ever raised. The blooms are large, with very long spurs and come in a fascinating range of colors	25	75
Long-spurred Hybrids, Mixed. A fine mixture	10	25
Double Mixed	10	25
Single Mixed	10	25

Argemone

ARABIS · Rock Cress

	Pkt.
Alpina. Early spring-flowering perennial plants especially adapted for edging and rockery. They form a dense carpet completely covered with pure white blossoms in May. 6 inches. ¼oz. 25 cts.	$0 10

ARCTOTIS · African Daisy

Grandis. A remarkably handsome annual which forms bushes 2 to 3 feet high. Its flowers are large and showy, being pure white on the upper surface, with a light blue center surrounded by a narrow golden band. The reverse of petals is pale lilac-blue. Valuable as a cut-flower, the blooms lasting a week to ten days after being cut. ¼oz. 25 cts.	10
Large Flowering Hybrids. Many delightful colors never before seen in these fine flowers—yellows, reds, rose, and intermediate shades. Plants grow 8 to 10 inches high. Flowers 2½ inches in diameter. Large pkt. 75 cts.	25

Long-spurred Aquilegia

ARGEMONE Mexican or Prickly Poppy

	Pkt.
Hybrida grandiflora. Sturdy bushes 3 feet high; pale green, spiny foliage, with clear silvery midrib and veins. The poppy-like flowers are of satiny texture, over 3 inches across, and come in various shades from rich yellow to creamy white. It starts blooming early in July and continues without interruption until November. They should have a sunny location, and it is best to sow the seed where they are intended to bloom as soon as the ground is warm, preferably in light soil, although unlike other poppies they can be transplanted when small with perfect success. A very pretty and ornamental plant in or out of bloom. The foliage is especially decorative and the stems and seed-pods have a picturesqueness rare in plants so easily grown. ¼oz. 30 cts.	$0 10

Arctotis

ASCLEPIAS · Butterfly Weed

Tuberosa. One of the most showy of our native perennials, producing, from July until frost, compact umbels of brilliant orange flowers with purplish stems and hairy leaves. 2 feet. Pkt. Large pkt. 40 cts. ... $0 15

ASPARAGUS

Plumosus nanus. An excellent plant for house or conservatory decoration or cutting, on account of its graceful, finely cut foliage; will remain fresh a long time after being cut ..... 100 seeds, $1.. 25

Sprengeri. One of the best plants to grow in hanging-baskets or window-boxes for the greenhouse in winter or for outdoors in summer ..... 100 seeds, 50 cts... 10

ASPERULA

Azurea (*A. setosa*). A splendid annual, growing about 9 inches high and covered throughout the summer with light lavender-blue, fragrant flowers; excellent for cutting ..... Large pkt. 25 cts... 10

Odorata (Sweet Woodruff). Pretty, hardy plant thriving in partial shade; flowers white. The leaves and flowers, when dried, have an odor like new-mown hay, and when laid among clothes, perfumes them and keeps away insects. 1 foot ..... Large pkt. 25 cts... 10

AUBRIETIA

One of the daintiest and most beautiful of all dwarf, creeping plants for carpeting beds or rockeries, forming brilliant sheets of blue, crimson, or rose for many weeks. Massed on rockeries or in borders, with white arabis and yellow alyssum, it forms a charming contrast. A gem for planting in crevices of rocks or wall, forming a cataract of color.

	Pkt.	Large pkt.
Deltoidea Bougainvillei. Flowers are dark blue	$0 15	$0 40
Deltoidea græca. Light blue; dwarf; floriferous	15	40
Deltoidea Leichtlini. Large, deep rosy purple flowers.	15	40
Violet Queen. Deep violet	25	75
Large-flowered Hybrids, Mixed. A wonderfully fine strain, producing a good range of colors, from deep purple, blue and lavender to blush-pink, rose, carmine and crimson. 6 inches	15	40

BARTONIA

Aurea. A free-blooming and showy hardy annual with large yellow flowers. It is certain to please those who have not yet grown it and is worthy of much more extensive cultivation. 1½ feet ..... ¼oz. 25 cts... 10

Aubrietia deltoidea

BALSAM · Lady's Slipper

Double Camellia-flowered

These favorite half-hardy annuals are of the easiest culture, but love hot sun, rich soil and plenty of water. The young plants are quick, sure growers and, from seed sown in the open ground in May, soon form handsome bushes 1½ feet high, thickly massed with large, rose-like flowers Transplanting two or three times has a tendency to dwarf the plants into better shape and to make the flowers more double. Balsams arc not often given room for perfect development; they will easily cover 1 to 1½ feet of space each way. We offer only the finest double sorts.

Double-flowered Balsam

Light Yellow. Pkt. 10 cts.; large pkt. 25 cts.

Pure Scarlet. Pkt. 10 cts.; large pkt. 25 cts.

Violet. Pkt. 10 cts.; large pkt. 25 cts.

White Perfection (Alba Perfecta). Pkt. 10 cts.; large pkt. 25 cts.

Crimson. Pkt. 10 cts.; large pkt. 25 cts.

Salmon King. Rich salmon-pink. Pkt. 10 cts.; large pkt. 25 cts.

Finest Mixed. Pkt. 10 cts.; ¼oz. 25 cts.; oz. 75 cts.

COLLECTION: One pkt. each of above 6 colors 50 cts.

BALLOON VINE

A rapid-growing annual climber that succeeds best in light soil and warm situations. Flowers white; seed-vessels look like miniature balloons. Pkt. 10 cts.; oz. 25 cts.

BAPTISIA · False Indigo

Australis. A strong-growing perennial plant about 2 feet high, with dark green, deeply cut foliage and spikes of dark blue, pea-shaped flowers in June and July ..... Pkt. Large pkt. 25 cts... $0 10

BEGONIAS

Everblooming Bedding Varieties

A continuous-flowering section of Begonias of the greatest value for bedding. The flowers are of brilliant colors and borne in great profusion from summer to autumn. They are especially desirable for winter-flowering house plants.

	Pkt.	Large pkt.
Gracilis Luminosa. Large, bright scarlet flowers. Reddish brown foliage	$0 25	$0 75
Gracilis, Pink Profusion. Pure La France-rose-pink; dwarf, compact, and free-flowering	25	75
Gracilis, Prima Donna. Flowers are a brilliant clear pink, shading to carmine-rose	25	75
Gracilis, White Pearl. Large, snowy white bloom. Green foliage	25	75
Semperflorens, Albert Martin. Very large, bright carmine flowers. Dark foliage	25	75
Semperflorens, Christmas Cheer. Everblooming, with enormous, rich bright cherry-red flowers, often 2 inches in diameter	25	75
Semperflorens, Christmas Pink. Bright pink of the same habit as Christmas Cheer and equally as good.	25	75
Semperflorens, Dwarf Vernon. A fine sort for edging, etc., with rich red flowers and bronze foliage	15	40
Semperflorens, Salmon Queen. A brilliant salmon-rose. Foliage dark green with reddish hue	25	75
Semperflorens, Mixed. Dwarf, compact, very free-blooming. Elegant for bedding	15	40

REX BEGONIA

Handsome foliage plants for the conservatory, showing a great diversity in form as well as in coloring of leaves. Pkt. 75 cts.

Boltonia latisquama

BELLIS · English Daisy

Charming spring flowers in borders. Sow in light soil in spring, and prick out or sow in August and grow in a coldframe until spring, then transplant outdoors for spring bedding purposes.

	Pkt.	½oz.
The Bride. A fine, very double, free-flowering, pure white sort	$0 10	$0 50
Longfellow. Large, double, pink flowers	10	50
Giant Ætna. Large; double; dark red	25	75
Giant Rose. Bright rose	25	75
Giant White. Pure white	25	75
Rob Roy. Small, deep scarlet flowers	25	75
Double Mixed. Selected strain of the finest quality	10	50

BOLTONIA · False Chamomile

The Boltonias bloom at the same time and resemble some of the wild Asters of the woodland. The leaves are long and grayish and in these characteristics are roughly distinguished from the perennial Asters. Because of their great height, they are highly desirable in large perennial borders. The plants literally bear thousands of star-like flowers. They serve excellently as cut-flowers.

Latisquama. Delicate pink flowers from July to October. 4 to 5 feet. Pkt. 15 cts.; large pkt. 40 cts.

BRACHYCOME · Swan River Daisy

Brilliant, free-flowering hardy annual, suitable for beds or borders. Cineraria-shaped blue or white flowers. 9 inches.

	Pkt.	Large pkt.
Little Blue Star	$0 15	$0 40
Mixed ¼oz. 40 cts.	10	

BROWALLIA

Handsome annuals, with blue or white flowers. Fine for garden beds in summer. 1½ feet.

	Pkt.
Elata cærulea. Sky-blue. ¼oz. 35 cts.	$0 10
Elata, Mixed. Blue and white. ¼oz. 30 cts.	10
Speciosa major. A beautiful flowering variety of brilliant ultramarine-blue. Does fine outside in the border, hanging-baskets or vases. Also excellent for growing in pots in the greenhouse. Large pkt. 75 cts.	25
Viscosa compacta, Sapphire. The plants of this new Browallia are very compact, not more than 9 to 10 inches high, and are very free-flowering, sometimes bearing over one hundred blooms. The flowers are dark blue with an attractive white eye which somewhat resemble a large lobelia. Fine for bedding and winter-blooming in the greenhouse. Large pkt. 75 cts.	25

CACALIA

	Pkt.
Coccinea (Tassel Flower). Pretty, free-flowering, hardy annual, producing trusses of showy, tassel-like scarlet flowers. 1½ feet. ¼oz. 25 cts.	$0 10

If you wish to assist a gardening friend, recommend our seeds

CALCEOLARIA

A tender perennial, used largely for the decoration of the greenhouse and conservatory.

	Pkt.
Hybrida grandiflora, Covent Garden Strain. Extra choice; strongly recommended for habit, also size and markings of flowers	$0 50
Profusa (*C. Clibrani*). The sprays of rich golden yellow flowers are light and graceful in habit, and are very lasting	50
Rugosa, Mixed. Shrubby, small-flowering varieties for bedding, of the finest colors. 15 inches	50

CALLIOPSIS

Very graceful border plants, supplying throughout the summer an abundance of elegant showy flowers which are greatly prized for garden decoration as well as for cutting. They are of the easiest culture and will thrive anywhere, even in city gardens.

Sow seed where intended to bloom; thin out to 6 inches apart. By keeping the old flowers cut off, the flowering season can be lengthened until late autumn.

Tall Varieties

They grow 2 to 3 feet high, branch freely, and have long, wiry flower-stems crowned with lovely clusters of small, daisy-like flowers in beautiful shades of crimson, orange, and gold.

	Pkt.	¼oz.
Atrosanguinea. Blood-red	$0 10	$0 25
Golden Wave (*C. Drummondi*). Very showy, with large yellow flowers, having dark brown centers. 1½ feet.	10	25
Marmorata. Bright golden yellow flowers, marbled with maroon. 2 feet	10	25
Nigra speciosa. Rich crimson-maroon. 2 feet	10	25
Tinctoria. A showy variety, the large flowers being bright yellow and maroon, about evenly divided. 2 feet.	10	25
Mixed. All the choicest sorts. 1 to 2 feet	10	25

COLLECTION: One pkt. each of the 5 Tall Varieties, 40 cts.

Shown in color on page 35

Dwarf Varieties

This class forms compact, shapely bushes 9 to 12 inches high, which are completely covered with their gay flowers all summer. Ideal for the edge of borders or for massing.

	Pkt.	¼oz.
Crimson King. Rich dark crimson. 6 inches	$0 10	$0 25
Dazzler. A rich maroon-red center with broad, golden yellow border	10	25
Nana radiata (Tiger Star). Rich bronze, striped and mottled yellow	10	25
Bicolor nana. Yellow, brown center	10	25
Nana marmorata. Bright golden yellow, marbled with maroon	10	25
Mixed. All colors	10	20

COLLECTION: One pkt. each of the 5 Dwarf Varieties, 40 cts.

Calliopsis

Calendula, Campfire

CALENDULA

Pot Marigold

One of the best and showiest free-flowering annuals. Will grow in any good garden soil and produce a fine effect in beds and mixed borders. Valuable also for pot-culture, blooming in the winter and early spring. 1 foot.

Ball's Orange. Large flowers of a pure orange color and perfect form on long stems. Pkt. 15 cts.; large pkt. 40 cts.

Ball's Gold. Double golden yellow flowers on long stems. Pkt. 15 cts.; large pkt. 40 cts.

Ball's Supreme. Light orange blooms with a rich dark brown eye. Pkt. 15c.; large pkt. 40c.

Ball's White. *New.* White flowers, delicately tinged with cream. Pkt. 15 cts.; large pkt. 40 cts.

Ball's Masterpiece. Rich, glowing orange with darker center. Long stems. Pkt. 15 cts.; large pkt. 40 cts.

Apricot Queen. Bright apricot, deepening slightly toward the center. Pkt. 15 cts.; large pkt. 40 cts.

Radio. Globular, deep orange flowers with beautifully quilled petals. Pkt. 15 cts.; large pkt. 40 cts.

Golden Beam. A golden counterpart of Radio. Pkt. 15 cts.; large pkt. 40 cts.

Campfire (Sensation). The extremely large flowers are very dark orange, with a scarlet sheen, making them most attractive. Pkt. 15 cts.; large pkt. 40 cts.

Chrysantha. See Novelties and Specialties, page 7.

Lemon Queen. Lemon-yellow. Pkt. 10c.; large pkt. 25c.; oz. 40c.

Orange King. Dark orange-red. Pkt. 10c.; large pkt. 25c.; oz. 40c.

Orange Shaggy. See Novelties and Specialties, page 7.

Pastel Bedding Mixture. Contains many new shades of apricot, cream, and white, as well as the better-known orange and lemons. Pkt. 15 cts.; ½oz. 40 cts.; oz. 75 cts.

Choice Mixed. Pkt. 10 cts.; ½oz. 20 cts.; oz. 35 cts.

CAMPANULA · Canterbury Bells

Biennial Varieties

Sow these hardy biennials in summer and transplant to a bed in autumn for flowering the following year. They also make effective pot-plants for spring flowering, if sown in summer, potted in autumn, and kept in a cool frame through winter.

Medium calycanthema (Cup-and-Saucer; Canterbury Bells). This is the finest type of this old-fashioned and much-prized garden plant.

	Pkt.	Large pkt.
Rose. Delicate rose-pink	$0 15	$0 40
Blue. A fine, clear shade	15	40
White. Pure white	15	40
Lilac. Very fine	15	40
Mixed	10	25

Medium, Single Varieties

	Pkt.	Large pkt.		Pkt.	Large pkt.
Rose	$0 10	$0 25	**Blue**	$0 10	$0 25
White	10	25	**Mixed**	10	25
Lilac	10	25			

Double Mixed. Double-flowering Medium varieties.. 10 25

New Annual Canterbury Bells. See Novelties and Specialties, page 6.

CAMPANULA · Bellflower

Perennial Varieties

Campanulas are delightfully graceful subjects for the hardy borders, well known, and easily grown. The dwarf varieties are particularly suited for rock-gardens.

	Pkt.	Large pkt.
Carpatica (Carpathian Harebell). Free-flowering, continuing in bloom the whole season; blue. 12 inches	$0 10	$0 25
Carpatica alba. White-flowered form of Carpatica	10	25
Garganica major. Lovely, trailing variety for the rock-garden, with masses of charming pale blue flowers	50	1 00
Latifolia macrantha. Erect stems; large, violet-blue bells. 2 feet	10	25

CAMPANULA, continued

	Pkt.	Large pkt.
Persicifolia grandiflora (Peach Bells). One of the finest hardy Bellflowers. Grows 2 to 3 feet high; large blue flowers	$0 15	$0 40
Persicifolia alba (White-flowered Peach Bells)	15	40
Persicifolia, Telham Beauty. It produces, on long stems, very large, globular, open flowers of a lovely china-blue with silvery shading on the inside. 2 feet	25	75
Pyramidalis (Chimney Bellflower). A beautiful, stately plant for garden or pot-culture; blue flowers	10	25
Pyramidalis alba. Pure white flowers	10	25
Rotundifolia (Blue Bells of Scotland). One of the prettiest species, with slender, branching stems, covered with dainty, frail, blue flowers. Valuable for the rock-garden. 1 foot	25	75
Rotundifolia, Olympica. A more compact form with larger flowers of deep lavender-blue	50	1 00

CANDYTUFT · Iberis

The Candytufts are among our best hardy annuals for edgings, bedding, massing, rockeries, or for cutting. Several of the varieties are fragrant, and all are profuse in bloom. Sow outdoors in April, and thin well when the plants grow about an inch. Sow again in a month, and late in July for fall flowers. Give rich soil and water freely.

Annual Varieties

	Pkt.	½oz.	Oz.
Giant Hyacinth-flowered. Immense, pure white spikes. ¼oz. 25 cts.	$0 10		$0 75
Carmine. Bright carmine-rose	10	$0 30	50
Crimson. Rich, deep shade	10	30	50
Lavender. Delicate shade of rosy lavender	10	30	50
Rose Cardinal. Bright rosy cardinal	10	30	50
Flesh-Pink. Fine delicate tint	10	30	50
Finest Mixed. All colors	10	20	35

COLLECTION: One pkt. each of above 6 colors, 50 cts.

MINIATURE GEM. A dainty miniature white Hyacinth-flowered Candytuft 3½ inches high. A gem for the rockery. ¼oz. 50 cts.	15		
Tom Thumb, Mixed. A very dainty miniature Candytuft about 6 to 8 inches high. Excellent for bedding and rockwork	10	20	50

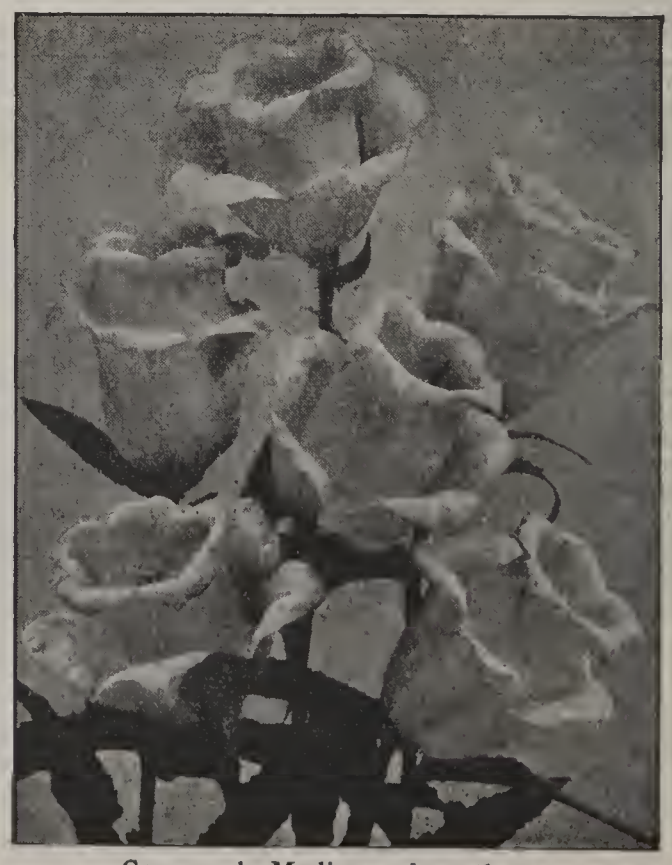
Perennial Varieties

Hardy evergreen plants, making a magnificent showing the second year from seed. They bloom very early, cushioning rock ledges, borders, etc., with banks of bloom. Sow outdoors in spring or fall in any sunny place.

	Pkt.	Large pkt.
Sempervirens. Glistening white flowers	$0 15	$0 40
Gibraltarica. Lilac flowers, shading white; very fine	15	40
Gibraltarica hybrida. A new hybrid, dwarfer and more compact than *I. gibraltarica.* 6 inches	15	40

CANARY-BIRD VINE (*Tropæolum canariense*)

A rapid-growing, climbing annual, producing an abundance of pretty, fringed, bright yellow flowers, bearing a fancied resemblance to a bird with wings expanded. Pkt. 10 cts.; ½oz. 25 cts.; oz. 40 cts.



Campanula Medium calycanthema

CARDINAL CLIMBER

A beautiful annual vine of rapid growth. The cardinal-red flowers resemble those of the cypress vine, but are much larger, and are produced in great quantities continuously through the summer. Splendid for covering stumps and trellises. 20 to 30 feet. Pkt. 15 cts.; large pkt. 40 cts.

CINERARIA HYBRIDA

Our strains of this showy greenhouse plant are of acknowledged superiority, the very choicest from a prize European collection of only the best colors.

Waterer's Prize Dwarf. Dwarf, compact plants not over a foot high, with immense heads of large individual flowers in a great range of beautiful colors. Pkt. 50 cts.; large pkt. $1.

Waterer's Prize Tall. Extra-fine colors, with plenty of selfs and various shades of rose. Pkt. 50 cts.; large pkt. $1.

Matchless. Very fine strain; contains many new colors; vigorous and compact growth. Pkt. 75 cts.; large pkt. $1.50.

Matador. Fine glowing scarlet. Pkt. 50 cts.; large pkt. $1.

Multiflora grandiflora maxima nana. The plant attains a height of about 12 to 16 inches. Its foliage is produced in rosettes similar to *C. multiflora nana*, but the leaves are far larger and more imposing. The flower-head has a diameter of 12 to 14 inches, and produces as many as a hundred single blooms, each measuring up to 3 inches in diameter.

Cornflower Blue
Fiery Crimson
Salmon-Rose

Each, pkt. 75 cts.
COLLECTION: One pkt. each of 3 colors, $2

Finest Mixture. Colors ranging from palest rose to dark red, and several shades of blue. Pkt. 75 cts.

Multiflora nana (Berlin Market Strain). This variety is the dwarfest and most compact type; flowers of good size and produced in great profusion. Excellent pot-plant. Pkt. 50 cts.; large pkt. $1.

Cineraria Stellata

This variety has delicate, star-like blooms in great profusion on long stems. It is excellent for cutting as well as decorative purposes.

Stellata, Blue Shades. Pkt. 75 cts.; large pkt. $1.50.

Stellata, Pink Shades. Pkt. 75 cts.; large pkt. $1.50.

Stellata, Mixed. Many desirable colors in mixture. Pkt. 50 cts.; large pkt. $1.

Stellata, Feltham Beauty. A great improvement over the old type, being dwarfer and of more compact habit. Beautiful mixture of many colors. Pkt. 50 cts.; large pkt. $1.

White-leaved Cineraria (Dusty Miller)

Maritima candidissima. These, as well as the white-leaved Centaureas, are called "Dusty Millers." Fine for bedding, ribbon beds and margins; prized for their beautiful, downy, silvery foliage. They are half-hardy perennials, but should be treated as annuals. 2 feet. Pkt. 10 cts.; ¼oz. 25 cts.

CARNATIONS, ANNUAL

The varieties we list here are best treated as annuals, although they will live over winter and flower again next season by giving slight protection with leaves or straw. From seeds sown in early spring, plants begin blooming in July or August, and continue until frost.

Carnation, Marguerite

	Pkt.	Large pkt.		Pkt.	Large pkt.
Pure White	$0 10	$0 25	**Deep Crimson**	$0 10	$0 25
Yellow	10	25	**Choice Mixed**	10	25
Scarlet	10	25			

Giant Marguerite. An improved strain, producing flowers of immense size. Mixed colors 15 40

Carnation, Chabaud's Giant

A new acquisition in the line of Carnations, coming into bloom six months from seed and continuing throughout the summer. The plants are of robust, upright habit, forming ten to twenty stalks which bear huge flowers of fine form and highly clove-scented. Come about 90 per cent double and quite true.

Cardinal-Red **Salmon-Rose** **Yellow**
Flesh-Pink **White** **Mixed, all varieties**
Rose-Pink

Each, pkt. 20 cts.; large pkt. 50 cts.

COLLECTION: One pkt. each of the 6 colors, $1

Enfant de Nice. See Novelties and Specialties, page 7.

Marguerite Carnations

CARNATIONS, PERENNIAL

Double Grenadin

Excellent early, free-flowering, hardy perennial Carnations that are invaluable for cutting. Blooms first year from seed if sown early. Height 18 to 20 inches.

	Pkt.	Large pkt.
Black King. Deep crimson-maroon	$0 20	$0 50
Cardinal-Red. Scarlet	20	50
Snow-White	20	50
Triumph Pink. Light rose	20	50
White Gold. Soft yellow	20	50
Finest Mixed	20	50

COLLECTION: One pkt. each of above 5 colors, 85 cts.

Earliest Dwarf Vienna

Very large, free-flowering, dwarf Carnation, growing only 12 to 14 inches high. Not as desirable as Grenadin for cutting but valuable for the hardy border.

Double, Mixed. Pkt. 20 cts.; large pkt. 50 cts.

CELOSIA

The dwarf Cockscombs are showy in the border, while the feathered or plumed varieties are especially attractive in large beds, and are useful for cutting. The flowers retain their color, even when dry, and can be used in winter bouquets.

Celosia plumosa (Feathered Celosia)

There are no more showy summer and fall bedding plants than the plumed Celosias. Planted in masses, the color effect is magnificent. The handsome plants are symmetrical in growth, averaging 2 feet in height, every branch bearing a pointed head or plume of richly colored bloom, which, when fully developed in the fall, is supremely gorgeous.

Thompsoni magnifica, Crimson. Bright crimson. Pkt. 10 cts.; large pkt. 25 cts.

Thompsoni magnifica, Yellow. Beautiful yellow. Pkt. 10 cts.; large pkt. 25 cts.

Thompsoni magnifica, Mixed. Colors range from clearest yellow to darkest blood-red. Pkt. 10 cts.; large pkt. 25 cts.

Pride of Castle Gould. Mixed. This Ostrich Plume Celosia is an entirely distinct type of *C. pyramidalis plumosa* and surpasses by far anything yet placed on the market. The colors range through blood-red, carmine, golden yellow, salmon, deep scarlet, orange, and wine-red. Pkt. 15 cts.; large pkt. 40 cts.

Plumosa. Finest mixed. Pkt. 10 cts.; large pkt. 25 cts.

Celosia plumosa Childsi (Chinese Woolflower)

The most unusual type of Feathered Celosia, attaining a height of from 2 to 3 feet. There are many branches issuing from the main stalk, each stem having the silky tendrils common to Celosia. The striking feature of this variety is that at the tips they have a brushy appearance.

	Pkt.	Large pkt.
Crimson	$0 10	$0 25
Pink. Beautiful shade of salmon-pink	10	25
Yellow	10	25
Mixed	10	25

Celosia cristata (Cockscomb)

Very popular annuals of easy culture, producing large, ornamental, comb-like heads like ruffled chenille. Prized for pots or summer flower-beds.

	Pkt.	Large pkt.
Crimson Exhibition. From prize flowers and enormous combs	$0 10	$0 25
Empress. Bright crimson, rich and velvety	10	25

CENTAUREA

The various varieties of this popular annual include such favorites as the Bachelor's Buttons or Cornflowers and Sweet Sultans, old-fashioned flowers of easiest culture.

CORNFLOWER (*Centaurea cyanus*)

Shown in color on page 35

Also known as Bachelor's Button, Bluet, Ragged Sailor, and Bluebottle. Extremely showy in the garden and fine for cutting. They are easy to grow, take care of themselves, bloom continuously, and even come up again the next year from the seed that has dropped in the ground. Just sow the seed broadcast wherever you want the plants to grow. If the soil is rich, the flowers will be larger and have longer stems. They are lovely if sown together with the scarlet poppy, American Legion. You should make sowings at intervals of three weeks apart, beginning in early May.

	Pkt.	Large pkt.
Double White	$0 10	$0 25
Double Blue. Deep blue	10	25
Double Plum-Violet	10	25
Double Rose-Pink	10	25
Finest Double, Mixed	10	25

COLLECTION: One pkt. each of above 4 colors, 35 cts.

Jubilee Gem. See Novelties and Specialties, page 8.

Centaurea cyanus

WHITE-LEAVED CENTAUREAS · Dusty Millers

Fine for bedding, vases and pots; also extensively used for borders or edgings.

	Pkt.	Large pkt.
Candidissima. Silvery white; leaves broadly cut; 1 foot	$0 10	$0 25
Gymnocarpa. Fine-cut silvery foliage; 1½ feet	10	25

Centaurea imperialis (Sweet Sultan)

GIANT SWEET SULTANS (*Centaurea imperialis*)

Shown in color on page 35

These are wonderful flowers for cutting—long-stemmed, exquisitely fringed, most graceful in appearance, and delightfully fragrant. The most beautiful colors are found among them. Easy to grow and the most thankful annual we know of, flowering freely from June until frost. For fine flowers, successive sowings should be made two weeks apart during May and June. They do well in a rich, loose soil. Cover seeds ¼inch. 2 to 3 feet.

	Pkt.	Large pkt.
Amaranth. Red	$0 10	$0 25
White	10	25
Purple	10	25
Brilliant Rose	10	25
Delicate Lilac	$0 10	$0 25
Deep Lavender	10	25
Choice Mixed	10	25

COLLECTION: One pkt. each of above 6 colors, 50 cts.

VARIOUS CENTAUREAS

	Pkt.
Americana (Basket Flower). A splendid native Annual variety, growing 3 feet high and bearing immense, thistle-like blooms of a rosy lavender color. Very showy in the mixed border and splendid for cutting. ¼oz. 25 cts.	$0 10
Montana (Perennial Cornflower). Grows 2 feet high and bears large, violet-blue flowers from July to September. Large pkt. 25 cts.	10
Suaveolens (Yellow Sweet Sultan or Grecian Cornflower). Very showy annual, large bright yellow flowers; sweetly scented. ¼oz. 30 cts.	10

CERASTIUM · Snow-in-Summer

Tomentosum. A hardy perennial, valuable for edgings and rockeries; silvery foliage; white flowers. Pkt. 10 cts.; large pkt. 25 cts.

CHELONE · Turtlehead

A good hardy perennial border plant with brilliant, pentstemon-like flowers in July and August, and grassy foliage. Very decorative; fine for cutting. 2 feet.

Barbata Torreyi (*Pentstemon barbatus*). Brilliant scarlet flowers. Pkt. 10 cts.; large pkt. 25 cts.

Hybrida. Mixed. The colors vary from pink to deep red and violet. Pkt. 10 cts.; large pkt. 25 cts.

Dwarf Convolvulus

CLEOME · Giant Spider Flower

Pungens, Rose Queen. A quick-growing annual with large, curious flower-heads of a bright rose color, on stems 4 feet tall. The individual flowers hang gracefully on slender, thread-like stems resembling spiders' legs. Pkt. 10 cts.; ¼oz. 25 cts.

COBAEA

	Pkt.	¼oz.
Scandens. Popular climber of rapid growth. Large, purple, bell-shaped flowers appear in great profusion during the fall months. 20 feet	$0 10	$0 25
Scandens alba. Pure white	10	40

CONVOLVULUS · Morning-Glory

	Pkt.	Oz.
Dwarf (*Convolvulus minor*). Remarkably showy plants, with exceedingly handsome rich-colored flowers, producing an unusually brilliant effect in beds and mixed borders. **Finest Mixed.** 1 foot	$0 10	$0 25
Climbing (*Convolvulus major*). Splendid for covering wire trellises and verandas. **Single.** Mixed	10	25
Mauritanicus. Pretty, dwarf, trailing, violet-blue species. A free bloomer throughout the summer and a gem for the rock-garden. It is a perennial, flowering first year from seed. Not hardy north of Philadelphia	Large pkt. 40 cts. 15	

COLEUS

Beautiful foliage plants, both for greenhouses and bedding out in the garden. The striking colors and brilliant variegated leaves are much admired.

	Pkt.
Finest Mixed. Great range of colors	$0 50
Large-leaved. Very large and superbly variegated foliage	50

CHEIRANTHUS

Wallflower

Allionii (Siberian Wallflower). A biennial about 1 foot high, with heads of orange flowers from May to midsummer. Effective in the rockery. Blooms the first year from seed. Pkt. 10 cts.; large pkt. 25 cts.

Allionii, Golden Bedder. See Novelties and Specialties, page 7.

Linifolius. New species with lilac-mauve flowers. Free-flowering and good for rockery or borders. Blooms first year from seed. 1 ft. Pkt. 15 cts.; large pkt. 40 cts.

CHRYSANTHEMUMS

Annual Varieties

Do not confound these annuals with the winter-flowering sorts of the florists. They bloom profusely from early summer until frost, and, when grown in large beds or masses, their bright colors make a splendid show. Sow seeds where the plants are wanted to bloom and thin out to 9 inches apart; earlier flowering plants can be had by sowing early in March in a coldframe, and transplanting when large enough. Pinching back in early growth makes the plants bushy and shapely. 1 to 1½ feet.

Eastern Star. Primrose-yellow disc; dark brown eye.

Evening Star. Deep yellow; light brown eye.

Morning Star. Pale primrose-yellow disc; yellow eye.

Northern Star. White, yellow zone around brown eye.

The Sultan. Deep copper-red with a narrow yellow zone around the brown disc.

W. E. Gladstone. Rich, velvety purple; yellow ring.

Price: Pkt. 10 cts.; ¼oz. 25 cts.
COLLECTION: One pkt. each of 6 colors, 50 cts.

	Pkt.	¼oz.
Inodorum, Snowball. Double white flowers from midsummer till frost	$0 15	$0 75
Coronarium, Double, Mixed Oz. 50 cts.	10	20
Single, Mixed (Painted Daisies) Oz. 50 cts.	10	20

Perennial Varieties

Shasta Daisy. Large white flowers on long stalks. Sow early for flowers before summer is over. Pkt. 10 cts.; large pkt. 25 cts.

Shasta Daisy, Giant Double White. See page 7.

Cascade. See Novelties and Specialties, page 7.

Piper's Hybrids. A new strain of hybrids made possible by the mutation of the early-flowering singles with the hardy garden varieties. The blooms, in varied forms and exquisite shades of bronze, terra-cotta, crimson, pink, white, measure 2 to 4 inches across. Vigorous and absolutely hardy. Seed sown first week of April will start blooming in September and continue until end of November. Pkt. 75 cts.; 3 pkts. $2.

Annual Chrysanthemums

CLARKIA

Elegans. Our double Clarkias are very fine, and can be grown successfully in any garden soil. They flower profusely on long stems and are exceedingly bright and attractive, especially in masses. Clarkias have become very popular of late and are grown extensively in the greenhouse during the winter. 2 to 2½ feet.

Double Brilliant. Rich crimson-scarlet.

Double Salmon Queen. Salmon-pink.

Double Orange King. Brilliant orange-scarlet.

Double White. Pure white.

Double Mixed. Pkt. 10 cts.; large pkt. 20 cts.

Price: Pkt. 10 cts.; large pkt. 25 cts., unless noted

Thyrsoideus. A very handsome species 2 to 3 feet high, the branches terminating in erect, panicle-like racemes of bright blue flowers. Fine for conservatory. Pkt. 75 cts.

CUPHEA · Cigar Plant

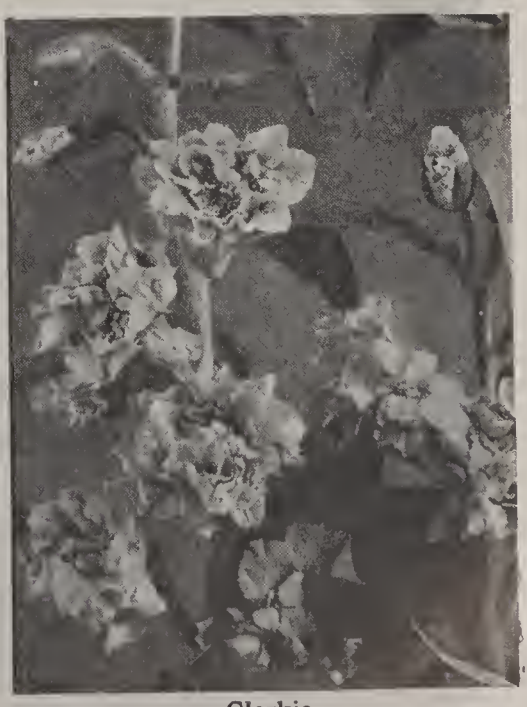
Ignea (platycentra). A half-hardy perennial, treated as an annual, that will bloom first year from seeds. Free-flowering plants with small bright scarlet tubular blossoms. 1 foot. Pkt. 15 cts.; large pkt. 40 cts.

CYPRESS VINE

Ipomœa quamoclit

One of the most beautiful climbers, with light, graceful, delicate foliage and bright flowers. 15 feet.

Scarlet. Pkt. 10 cts.; oz. 50 cts.
White. Pkt. 10 cts.; oz. 50 cts.
Mixed. White and Scarlet. Pkt. 10 cts.; oz. 40 cts.



Clarkia

COSMOS

One of the notable midseason and fall flowers. A strong, tall-growing annual, with bold flowers of exquisite daintiness and airiness heightened in effect by their foliage setting of feathery green. It is most effective when planted in broad masses or long background borders against evergreens or fences. We offer only the choice, large-flowering strains.

Giant Early-Flowering

An extra-select strain, combining extreme earliness with great vigor and unusual size of flowers. Commences to bloom in July and continues until cut down by frost. The flowers often measure 4 inches across. 4 feet.

	Pkt.	Large pkt.	Oz.
White	$0 10	$0 25	$0 60
Pink	10	25	60
Crimson	10	25	60
Mixed	10	25	50

Orange Flare. See Novelties and Specialties, page 8.
Sensation. See Novelties and Specialties, page 8.

Single Cosmos

Giant Late-Flowering

A magnificent strain. The individual flowers are of enormous size and the most perfect form, while the colors are richly brilliant. These represent the highest developed types in Cosmos. Will keep a week in water after being cut. 6 to 8 feet.

	Pkt.	Large pkt.	Oz.
Pink Lady Lennox	$0 10	$0 25	$0 50
White Lady Lennox	10	25	50
Crimson	10	25	50
Mixed	10	25	40

Double Late-Flowering

This beautiful strain of Cosmos contains most striking colors and a large percentage comes true from seed, both as to color and doubleness. The singles which the strain produces are also very beautiful.

	Pkt.	Large pkt.
Pink Beauty	$0 15	$0 40
White Queen	15	40
Crimson King	15	40
Mixed	15	40

Giant Binnewies Cyclamen

MINIATURE YELLOW (*Bidens humilis*). Small, bright yellow flowers. Blooms a few weeks after sowing. 1 foot. Pkt. 15 cts.; large pkt. 40 cts.

Double Cosmos

Double Early-Flowering Cosmos

An extra-early strain of the Double Crested which is just as beautiful as the late, and comes into flower as early as the Extra-Early Singles. Highly recommended.

	Pkt.	Large pkt.
Carnelia. Crimson	$0 20	$0 50
Peach Blossom. Pink.	20	50
Whirlwind. White	20	50
Mixed	20	50

COREOPSIS

Grandiflora auricula superba. A serrated band of brownish red encircles the golden disc; flower petals golden yellow. Pkt. 15 cts.; large pkt. 40 cts.

Lanceolata grandiflora. Fine in masses or as cut-flowers. The individual blooms are very large and of the richest golden yellow. Pkt. 10 cts.; ¼oz. 25 cts.

Lanceolata grandiflora fl.-pl. A semi-double variety of the above. Pkt. 15 cts.; ¼oz. 50 cts.

Mayfield Giant. Tall and vigorous. Larger flowers and longer stems than *C. lanceolata grandiflora*. Pkt. 15 cts.; large pkt. 40 cts.

Double Sunburst. See Novelties and Specialties, page 7.

CYCLAMEN

Giant Binnewies Strain

These are among the most beautiful winter- and spring-flowering plants for the greenhouse. Not only are the flowers of striking beauty, but the foliage is also highly ornamental. The seed we send out is grown by the originator.

	Pkt.	100 seeds
Bright Red	$0 50	$2 50
Dark Blood-Red	50	2 50
Improved Rose of Marienthal. White with carmine eye	50	2 50
Pink Pearl. Salmon-pink	50	3 50
Pure Rose	50	2 50
Pure White	50	2 50
Saffron-Red	50	2 50
Salmon-Rose Improved	50	3 00
Salmon-Scarlet (America Improved)	50	3 00
White with Carmine Eye	50	2 50
Finest Mixed	40	2 00

ROKOKO. *New type.* Large, flat flowers in various colors, with fluted and fringed petals. Pkt. 50 cts.; 100 seeds $3.

CREPIS

Rubra. A very free-flowering annual that will thrive under almost any condition. The deeply cut foliage clings closely to the ground, while the plant sends up numerous slender stems about 1 foot high, with a mass of soft, shell-pink flowers on top. Pkt. 10 cts.; large pkt. 25 cts.

Coreopsis lanceolata grandiflora

CYNOGLOSSUM · Chinese Forget-me-not

An annual recently introduced from China and of the easiest culture, forming strong plants 18 to 24 inches high and producing, through the summer months, sprays of forget-me-not-like flowers, delicately sweet-scented.

		Pkt.
Amabile. Deep ultramarine-blue	¼oz. 25 cts.	$0 10
Amabile, Fairy Blue. Bright Cambridge-blue	Large pkt. 40 cts.	15
Amabile, Pink. A pink-flowered form of the preceding	Large pkt. 40 cts.	15

DAHLIAS

These half-hardy perennials are very easily grown from seed, all classes coming quite true and supplying magnificent colors. In the garden these seedling Dahlias bloom as early and free as the plants grown from tubers.

	Pkt.	Large pkt.
Coltness Hybrids, Improved. Ideal type of dwarf, bushy habit with single flowers. Invaluable for cutting. Contain many new colors.	$0 20	$0 50
Collarette. A novel type, having a row of petals around the disc, like a frill or collar, of a different color than the regular petals. Mixed colors	15	40
Dobbie's Orchid-flowered. See Novelties and Specialties, page 8.		
Double Cactus. Saved from the finest new varieties	15	40
Giant Decorative. Beautiful flowers, varying in form between the Show and the Cactus Dahlias. Saved from a very fine collection	15	40
Single Giant Perfection. Flowers of immense size, averaging 6 inches across. Finest mixed	10	25
Unwin's Dwarf Hybrids. (Reselected.) See Novelties and Specialties, page 8.		

Dahlia, Coltness Hybrids

DATURA · Trumpet Flower

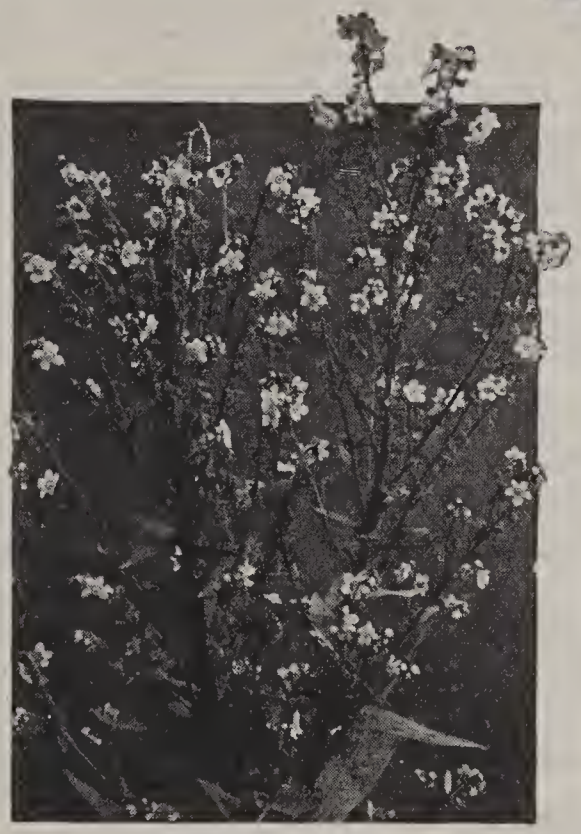
Ornamental annuals of rapid growth with large, trumpet-shaped, fragrant flowers. 3 feet.

Cornucopia (Horn of Plenty). Flowers white inside, purple outside. Pkt. 10 cts.; large pkt. 25 cts.

Fastuosa Huberiana. Large, double flowers of various colors. Pkt. 10 cts.; large pkt. 25 cts.

For Grass Seed and directions for making a perfect lawn, see pages 2–4

Delphiniums



Cynoglossum amabile

DELPHINIUM

Perennial Larkspur

The tall, stately flower-spikes of the Delphinium rise to a height of 5 to 6 feet and supply the garden with a wealth of pale blue, azure-blue, gentian-blue, sapphire, and royal purple hues. They are effective in all situations and demand rich, deeply cultivated soil and considerable moisture. If flower-spikes are cut when through blooming, others will replace them.

Waterer's Superb Hybrids. A magnificent strain containing many of the finest and newest varieties that have been carefully selected to include all the most beautiful shades of color obtainable.

Superb Art Shades
Superb Deep Blue Shades
Superb Mid-Blue Shades
Superb Light Blue Shades
Superb Mixed

Each, pkt. 25 cts.; large pkt. 75 cts.

Hollyhock Strain. (Wrexham Type.) This strain is considered the largest and best in Delphiniums. The blooms are of immense size, ranging in color from white and lavender through every shade of blue.

Hollyhock Strain, Art Shades
Hollyhock Strain, Deep Blue Shades
Hollyhock Strain, Light Blue Shades
Hollyhock Strain, Mid-Blue Shades
Hollyhock Strain, Mixed

Each, pkt. 50 cts.; large pkt. $1

	Pkt.	Large pkt.
Blackmore & Langdon's Hybrids. A superior strain and contains a mixture of choice flowers ranging in color from light blues through mauves and lavenders to deepest ultramarine. 5 feet	$0 50	$1 00
Gold Medal Hybrids. Choicest mixture. All shades of blue from best-named varieties only. ¼oz. 60 cts.	15	
Belladonna, Improved. A greatly improved strain, with brighter, larger blue flowers, more vigorous and taller growth, and excelling any other Belladonna for continuous blooming	25	75
Bellamosum. A deep blue form of the popular Belladonna	25	75
Cardinale. Bright scarlet, with yellow center	25	75
Iceberg. The first white introduced that comes true from seed	25	

Delphinium chinense

The plants are dainty in form, with cosmos-like foliage, and produce loose, graceful sprays of single-spurred flowers. **Blooms first year if sown early.**

	Pkt.	Large pkt.
Blue Butterfly Improved. Beautiful ultramarine-blue. 1 foot	$0 15	$0 40
Cambridge Blue. *New.* Light blue, similar in color to the well-known Belladonna. 2½ feet	20	50
Blue. Intense gentian-blue. 2½ feet. ¼oz. 40 cts.	10	
Album. Pure white form of the above. ¼oz. 40 cts.	10	

DIGITALIS · Foxglove

Showy, hardy perennials of easy culture. As a background in shrubbery, or as specimen plants in large beds, they are equally striking and effective. Sow in July for strong flowering plants the following season.

	Pkt.	Large pkt.
Spotted Varieties. A superb mixture,—a wonderful range of colors	$0 10	$0 25
Montrosa. Long spikes of enormous flowers. All colors mixed	10	25

Gloxiniæflora. Large, spotted, gloxinia-like flowers produced on long spikes.

	Pkt.	Large pkt.		Pkt.	Large pkt.
White	$0 10	$0 25	**Purple**	10	25
Rose	10	25	**Mixed**	10	25

	Pkt.
Isabellina. A very striking new variety, producing yellow flowers which gradually develop a chamois or buff shade. Large pkt. 75 cts.	$0 25
Lutzii Hybrids. Attractive hybrid. Salmon flowers. 4 feet. Large pkt. 40 cts.	15
Shirley Strain. A new strain of giant Foxglove, raised by the late Rev. W. Wilkes. The plants attain a height of 5 to 7 feet, with spikes 3 to 4 feet long, carrying flowers of giant size, ranging in color from white to dark rose and handsomely blotched and spotted cream, maroon, and chocolate. ¼oz. 50 cts.	15

Digitalis, Shirley Strain

DIANTHUS · Pinks

In this large and greatly varied genus are some of our most beautiful and best-loved flowers, unsurpassed for color and fragrance. They are hardy biennials that bloom finely the first season, remaining green all winter and blooming the next year also, if lightly protected. Old plants flower the earliest, but as young ones give the largest, finest flowers, sowings are made every year. Seed may be sown in the open in early spring when the danger of frost is past and if the situation is open and the ground is well prepared, they will flower luxuriantly in a few weeks' time and continue until hard frost. For best results, seedlings should be thinned out to have plants stand 6 inches apart. They average 1 foot in height and are splendid for borders and for cutting.

Single Annual Pinks

These single sorts contain many beautiful varieties, the flowers of which often measure 2 to 3 in. in diameter. They are very effective for borders or beds. 1 ft.

	Pkt.	¼oz.
Crimson Belle. Rich crimson	$0 10	$0 30
Eastern Queen. Delicately marbled rose and mauve	10	25
Heddewigi (Single Japan Pink). Finest selected single varieties, mixed	10	25
Laciniatus (Single Fringed Pink). Flowers come in a great many colors	10	25
Salmon Queen. Beautiful fringed flowers of brilliant salmon color, changing to old rose when fading	15	50
Vesuvius. Beautiful orange-scarlet flowers, very striking in beds or borders.	10	40
Nobilis (Royal Pink). Improved varieties of the single-flowering Japan Pink. Colors white to dark red	10	30
Punctatus (Princess Pink). A fine variety, with fringed flowers, mottled, flaked, spotted, and striped in the greatest diversity of colors	10	30

COLLECTION: One pkt. each of above 8 varieties, 75 cts.

Laciniatus splendens. See Novelties and Specialties, page 8.
Delight. See Novelties and Specialties, page 8.

All Flower Seeds are sent postpaid at prices quoted in this Catalogue

Dianthus plumarius

Double Annual Pinks

	Pkt.	¼oz.
Chinensis. (China, or Indian Pink). Blooms in clusters; flowers very double and in a large range of bright colors	$0 10	$0 25
Diadematus (Double Diadem Pink). Beautiful double flowers of various tints of lilac, crimson, and purple; outer edges fringed	10	30
Fireball. Extra-double brilliant dark scarlet; very beautiful	10	40
Laciniatus (Double Fringed Pink). Large, double flowers, in a great variety of colors; edges fringed	10	30
Lucifer. Brilliant orange-scarlet flowers measuring about 2 inches across; very dazzling and popular variety; nicely fringed	15	50
Mirabilis (Double Marvelous Pink). Large, fringed, double flowers on long, stiff stems, pure white to dark crimson	15	50
Mourning Cloak. Dark velvety crimson; petals strikingly edged white	10	40
Salmon King. Brilliant salmon-rose	15	50
Snowdrift. Large, double, white flowers; excellent for border or cutting	10	40
Violet Queen. Rich violet, an unusual shade	15	50

COLLECTION: One pkt. each of above 10 varieties, 95 cts.

Hardy Garden Pinks

These form low, bushy, tufted plants, above which are produced, on long stems, the beautiful fringed and fragrant flowers so valued in old-fashioned gardens and rockery.

	Pkt.	Large pkt.
Allwoodi. Hybrid between carnation and pink. Varied colors. Blooms from seven to nine months from date of sowing	$0 50	
Allwoodi alpinus. Blooms the first year from seed. Single and semi-double, fragrant flowers in many shades. 4 to 6 inches high	35	$1 00
Cæsius (Cheddar Pink). A splendid rock-plant, forming dense tufts 3 inches high and bearing bright rosy pink flowers in May and June	25	75
Deltoides, Brilliant. Vivid crimson blooms carried above fine feathery foliage. Fine for the rockery or edging	20	50
Plumarius, Highland Queen. One of the finest Pinks for the rock-garden. It is very floriferous and continues in bloom a long time. The flowers are large, of a lustrous scarlet-vermilion color	35	
Plumarius, Single Mixed (Pheasant's-Eye Pink). Large, single, fringed flowers; beautifully marked in many colors. ¼oz. 40 cts.	10	
Plumarius fl.-pl. (Double Hardy Garden Pinks). Double and semi-double.	25	75
Semperflorens (Everblooming Hardy Garden Pinks). Sweet-scented, double, semi-double, and single flowers in beautiful colors. ¼oz. 50 cts.	15	
Scoticus (Scotch Pinks). Beautiful double fringed flowers which emit a clover-like perfume. About 1 foot high when in bloom. Mixed colors	25	75
Superbus, Loveliness. See Novelties and Specialties, page 8.		
Winteri. *New.* Striking new Pinks awarded First-Class Certificate by R. H. S. The flowers are of bold form, deliciously scented, pure colors, habit compact, and blooms first year from seed. Ideal rock-plants. Quite hardy.	50	

DIMORPHOTHECA · Star of the Veldt

Only recently introduced from South Africa, the plant has become instantly popular. Rather dwarf in growth (12 to 15 inches high), the foliage remains nestled to the ground, while the innumerable flower-stems appear continuously all summer. Thin and wiry they hold erect a daisy-like flower, with very narrow, long petals, which curve upward, thereby giving the flower a most interesting appearance. The flowers, both in the garden and when cut, will close up toward evening and reopen freshly the next morning. Seeds can be sown outdoors, as it flowers very quickly and remains a blaze of bloom until frost. It delights in sunny situations. 1 foot.

	Pkt.	Large Pkt.
Aurantiaca. Golden orange with dark disc	$0 10	$0 25
Aurantiaca, Salmon Beauty. True salmon shade	15	40
Aurantiaca Hybrids. Varying in colors from white to blush-white, lemon-yellow to reddish yellow, pale salmon to golden orange	10	25
Ecklonis. A beautiful species of light, graceful habit, bearing elegant white flowers, 3 inches across, with dark blue-spotted center, and reverse of petals blue and mauve. In bloom from spring to autumn	15	40
Ringens. *New.* The flowers are more refined than most of the daisy class, and being of a pure glistening white with blue zone, are highly attractive. Plant is also extremely free flowering, and we consider it deserving a place in every garden. Grows 8 to 10 inches high	15	40

Dimorphotheca aurantiaca

Dolichos

DICTAMNUS · Gas Plant

The glossy, leathery leaves are dark green and retain their deep color until late in fall. Its flowers are borne on spikes 2 to 3 feet high. Both the foliage and flowers are fragrant and when the parts are crushed in the hand, they have the fragrance of a lemon. Hardy perennial.

	Pkt.	Large pkt.
Albus. Spikes of attractive pure white, sweet-scented flowers	$0 15	$0 40
Albus rubra (Fraxinella). Large spikes of deep pink, purple-veined flowers	15	40

DIDISCUS

Cærulea (Blue Lace Flower). This pretty and interesting annual blooms most profusely from July till November; also used extensively for early spring flowering in a cool greenhouse; their exquisite pale lavender blossoms are excellent for cutting; plants grow about 1½ feet high, and have as many as fifty flowers open at one time. Pkt. 15 cts.; large pkt. 40 cts.

DOLICHOS · Hyacinth Bean

A rapid-growing annual climber, bearing large, handsome foliage and bright flowers, followed by curious bean-shaped pods.

	Pkt.	Oz.
Darkness. Stems and under sides of foliage purplish red. The numerous spikes of reddish purple, pea-like flowers are succeeded by showy seed-pods. 8 to 10 feet	$0 10	$0 25
Daylight. Covered with pure white flowers from the ground up; ornamental white pods. 8 to 10 feet	10	25

DORONICUM · Leopard-bane

Caucasicum. Large, bright yellow, daisy-like flowers. One of the most effective early spring-flowering perennials. It is a splendid flower for cutting as it carries well and stands a long time in water. They succeed well anywhere. Pkt. 50 cts.

DRACAENA

Ornamental greenhouse plants; fine for pots, vases, or beds; green leaves.

	Pkt.	¼oz.
Indivisa. Narrow leaves	$0 10	$0 25
Australis. Broad leaves	10	30

ECHINOPS · Globe Thistle

All the Globe Thistles are distinctive plants and are well adapted to plant in borders, among shrubbery, or to use as bold specimen plants. The round, ball-like flower-heads, entirely covered with needle-like thistles, are excellent for cutting; can be dried, and will remain attractive for months.

Ritro. Steel-blue flower-heads. 3 to 4 feet. Pkt. 10 cts.; large pkt. 25 cts.

ECHINOCYSTIS · Wild Cucumber

Lobata. One of the quickest-growing annual vines we know of. Splendid for covering trellises, old trees, fences, etc. Clean, bright green foliage and sprays of white flowers in July and August. Pkt. 10 cts.; oz. 30 cts.

EDELWEISS

Common (*Leontopodium alpinum*). The true and famous Edelweiss of the Alps. The flowers are of downy texture, pure silver-white and star-shaped. Succeeds in almost any soil with full exposure to sun. 6 inches. Pkt. 25 cts.; large pkt. 75 cts.

ERIGERON

Speciosus. An attractive perennial with large, clear, pale mauve flowers having bright golden yellow centers. Excellent for cutting. 18 inches. Pkt. 15 cts.; large pkt. 40 cts.

Didiscus cærulea

Eschscholtzia

ESCHSCHOLTZIA · California Poppy

A very interesting and popular annual, readily grown from seed sown outdoors in May in the spot where they are wanted and simply thinned out. The beautiful lace-like foliage covers the entire growth a foot high and has a silvery sheen. The cone-shaped poppy flowers appear on fairly long stems from June until frost without interruption. If the flowers are cut early in the morning while they are closed-up buds, they will last fully two days in water.

	Pkt.	¼oz.
Californica aurantiaca. Rich orange	$0 10	$0 25
The Geisha. The prettily fluted petals are brilliant golden on the inside and intense orange-crimson on the outside	10	25
Golden West. Yellow, with orange center	10	25
Mandarin. Inside of petals orange, outside scarlet	10	25
Mauve Beauty. Pure mauve	10	40
Rosy Queen. Soft flesh-pink	10	25
Scarlet Beauty. Vivid, deep, even scarlet	10	40
Vesuvius. Wallflower-red	10	40

COLLECTION: One pkt. each of above 8 varieties, 65 cts.

	Pkt.
Mixed. Many fine colors ½oz. 25 cts.; oz. 40 cts.	10
Hybrid Mixed. New, large-flowering, erect type, containing a large percentage of new colors in Eschscholtzias, including Soft Pink, Scarlet, Chrome, Copper-Red, Claret, and Royal Purple ¼oz. 30 cts.; oz. $1	10
Monarch Art Shades. *New.* A compact strain of large-flowering Eschscholtzia in mixture, entirely distinct from all other types. Each bloom is large, semi-double, and of exquisite formation, carried well above the neat feathered foliage. The beauty is enhanced by almost a metallic sheen, which gives an effect of brilliance in color and substance of flower never before approached in the Eschscholtzia family	25
Ramona Hybrids, Finest Mixed. A bright mixture of beautifully frilled and fluted flowers with incurving petals. The plants are dwarf and compact growing and of much neater appearance than other Eschscholtzias. A truly handsome and different addition to this popular group Large pkt. 40 cts.	15

ERYNGIUM · Sea Holly

Handsome, ornamental perennials for flower and shrubbery borders. Blooms from July to September. Finely cut, spiny foliage, with beautiful, thistle-like heads of amethystine-blue. Fine for winter bouquets.

Amethystinum. Deep blue. 3 feet. Pkt. 15 cts.; large pkt. 40 cts.

EUPHORBIA

Plants with ornamental foliage; very showy and easily raised from seed.

Variegata (Snow-on-the-Mountain). Attractive foliage, veined and margined with white. 2 feet. Pkt. 10 cts.; ¼oz. 25 cts.

Heterophylla (Annual Poinsettia or Mexican Fire-Plant). An annual, bushy plant, with highly ornamental leaves, which in summer and autumn become dark fiery scarlet. 2 to 3 feet. Pkt. 15 cts.; large pkt. 40 cts.

EUPATORIUM

A fine hardy perennial, which will grow and thrive in almost any situation; blooms the first season from seed if sown early; excellent for cutting. 2 feet.

Fraseri. Feathery white flowers. Pkt. 10 cts.; large pkt. 25 cts.

Eupatorium

GENTIANA

Blue Gentian

Acaulis. A dwarf, hardy perennial; deep blue flowers; moist, shady situations. Pkt. 15 cts.; large pkt. 40 cts.

Geum, Mrs. Bradshaw

GERBERA · Transvaal Daisy

Half-hardy perennials, usually grown as greenhouse- or window-plants, where they flower continuously. The daisy-like blossoms, 3 to 4 inches across, are borne on 12- to 18-inch stems, and are unsurpassed as cut-flowers, being of splendid lasting substance. For garden culture in cold climates, the plants are wintered over in coldframes.

	Pkt.	100 sds.
Jamesoni. Beautiful orange-scarlet	$0 50	$1 50
Jamesoni Hybrids. Colors ranging from pure white through yellow, orange, salmon, rose, and ruby-red to violet	50	1 00

GEUM

Following the introduction of these new varieties, Geums have become very popular and in great demand. They are particularly valuable for the hardy border, because if the old stems are kept cut back they will remain in bloom over a much longer period than other hardy plants. Geums are hardy perennials producing dwarf, tufted plants from which rise graceful stems, 2 feet high, bearing beautiful double flowers freely throughout the summer. They are also valuable for cut-flowers.

	Pkt.	Large pkt.
Mrs. J. Bradshaw. Brightest scarlet	$0 15	$0 40
Lady Stratheden. Fine double yellow flowers	20	50
Orange Queen. Beautiful double orange flowers	20	50

GAILLARDIA · Blanket Flower

PERENNIAL VARIETIES

Showy and handsome for beds and borders. The flowers are a most peculiar combination of shades, varying between gold and maroon. Pkt.

Grandiflora, Burgundy. Large, wine-red flowers. Upright habit..... Large pkt. 75 cts... $0 25

Grandiflora, Dazzler. Produces large flowers, often 4 to 5 inches across, of bright golden yellow with rich maroon-red center. The plant is vigorous, throwing up a profusion of long, erect flower-stalks which provide excellent material for cutting.....Large pkt. 40 cts... 15

Grandiflora, Portola Hybrids. A superb strain of upright habit, bearing flowers of very large size, the colors ranging through shades of bronzy red with golden-tipped petalage.....Large pkt. 40 cts... 15

Grandiflora, Tangerine. Fine new variety of compact habit. Flowers showy orange-red, on long stems.....Large pkt. 40 cts... 15

Grandiflora, Superb Mixed. Showy variations of crimson and gold.... ¼oz. 25 cts... 10

ANNUAL VARIETIES

An exceedingly popular and showy annual, producing throughout the summer an abundance of large, handsome flowers of various colors.

	Pkt.	¼oz.
Amblyodon. Large, single, salmon-red flowers, deep crimson centers; very showy and fine for cutting. 2 feet	$0 10	$0 30
Picta. Single-flowered. Fine mixture of colors. 1 foot	10	25
Picta, Indian Chief. *New.* Bronzy red. Shown in color on page 36.....Large pkt. 25 cts...	10	
Lorenziana, Double, Finest Mixed. Beautiful colors, flowering all summer. Fine for bedding or cutting. 1½ feet	10	25
Lorenziana, The Bride. White, double; fine for cutting	10	30

Gaillardia grandiflora

GLOXINIA

Hybrida grandiflora. An unsurpassed strain, containing the spotted hybrids as well as the finest self-colored sorts. Pkt. 50 cts.

GILIA

This is a very graceful annual, growing about 2 feet high, with fine feathery foliage and bearing freely, over a long season, globular heads about 1 inch across.

	Pkt.	¼oz.
Capitata. Pale mauve flowers gracefully poised on long stems	$0 10	$0 25
Tricolor. Lavender and white flowers with black throat...	10	25

GODETIA

An attractive hardy annual, deserving more extensive cultivation. The plants are of distinct and graceful habit, and the long trusses of double, azalea-like flowers are excellent for cutting. 2 feet.

	Pkt.	Large pkt.
Tall Double Crimson	$0 10	$0 25
Tall Double Mauve	10	25
Tall Double Rosy Morn...	10	25
Tall Double Mixed	10	25

Gilia capitata

Gypsophila paniculata

ORNAMENTAL GOURDS

Gourds grow luxuriantly and are useful for covering arbors, fences, etc. The fruits they bear are very ornamental and keep well. 15 to 20 feet.

	Pkt.	Large pkt.
Apple-shaped	$0 10	$0 25
Bottle-shaped	10	25
Calabash or Pipe	10	25
Dipper-shaped	10	25
Luffa (Dish-rag)	10	25
Egg-shaped	10	25
Hercules' Club	10	25
Orange-shaped	10	25
Pear-shaped	10	25
Fine Mixed	10	25

COLLECTION: One pkt. of each, 75 cts.

GLOBE AMARANTH

Gomphrena

Sometimes called "Bachelor's Buttons." Flowers resemble clover-heads and can be dried and used in winter bouquets. 2 feet. **Pink, White, Purple,** and **Mixed,** each, pkt. 10 cts.; large pkt. 25 cts.

GREVILLEA · Silk Oak

Robusta. Really a greenhouse plant, but can be successfully grown as an annual. It is a neat little shrub, with delicate fern-like foliage. Very useful for table decoration and in foliage groups. Pkt. 10 cts.; large pkt. 25 cts.

GYPSOPHILA · Baby's Breath

Feathery panicles of tiny star-shaped flowers, gracefully and daintily borne on slender stems. A charming effect may be had by mixing sprays of Baby's Breath with other long-stemmed cut-flowers.

ANNUAL VARIETIES

	Pkt.
Elegans alba grandiflora. This is an improved, large-flowering, pure white form of the annual Baby's Breath, of free, easy growth. Several sowings should be made during the season to keep up a supply.....Oz. 25 cts...	$0 10
Elegans rosea. A pretty blush-pink form of the above and equally as valuable for cutting.....Oz. 30 cts...	10
Muralis. A lovely little rock or edging plant with rose-pink flowers..... ¼oz. 30 cts...	10

PERENNIAL VARIETIES

Paniculata. One of the favorite hardy perennials. White flowers; fine for bouquets. Blooms first year if sown early. 2 feet.....¼oz. 25 cts...	10
Paniculata fl.-pl., Snow-White. The double-flowering Baby's Breath, and one of the finest hardy plants for cutting.....Large pkt. 75 cts...	25
Repens, White. An elegant trailing plant for the rockery, with clouds of small white flowers in July and August.....Large pkt. 40 cts...	15
Repens rosea. A rose-flowered form of the above.....Large pkt. 40 cts...	15

Order your seeds now. Have them on hand when you are ready to plant

Helichrysum

GRASSES • Ornamental

For borders and ornamental gardening; also, when dried, for winter bouquets and decorations.

	Pkt.
Agrostis nebulosa (Cloud Grass). An airy and graceful annual grass that looks like a line of mist when in bloom. Beautiful to mix with cut-flowers. 1½ feet.....Large pkt. 25 cts...	$0 10
Briza maxima (Quaking Grass). Valuable for winter bouquets and wreaths. The seed-clusters are heart-shaped and gracefully poised on such slender stems that they are almost constantly in motion. 1 foot. Large pkt. 25 cts...	10
Coix lacryma-Jobi (Job's Tears). Broad, corn-like leaves with hard, shining, pearly seeds which may be used as beads. 2 to 4 feet..... Large pkt. 25 cts...	10
Eragrostis elegans (Love Grass). Of erect growth about 18 inches high, with feathery panicles, nice for cutting.....Large pkt. 25 cts...	10
Pennisetum longistylum. Annual. Graceful, greenish white plumes; fine for beds or dried bouquets. 2 feet.....Large pkt. 25 cts...	10
Pennisetum Ruppeli (Purple Fountain Grass). Annual. Excellent for beds or for dried bouquets; purple plumes. 3 feet.....Large pkt. 25 cts...	10

COLLECTION: Six varieties, 50 cts.

HELENIUM

A hardy and beautiful perennial, producing a large quantity of long-stemmed yellow flowers with black centers; very suitable for cutting. In bloom from July to October. 2 to 3 feet.

	Pkt.
Bigelowi. Golden yellow, with black center.....Large pkt. 40 cts...	$0 15
Riverton Gem. Orange-yellow, dark center.....Large pkt. 40 cts...	15

HELIOTROPE

A half-hardy perennial, flowering during the whole season. Its delightful perfume makes it a most desirable bouquet flower. A splendid bedding plant. Seed started indoors in the spring will make fine plants for summer blooming; can also be sown outdoors in May.

	Pkt.	Large pkt.
Lemoine's Giant. Of robust habit of growth and produces heads of flowers nearly double the size of the old sort. Mixed colors.....	$0 15	$0 40
Queen Marguerite. Very large umbels of dark blue flowers.....	20	50
Regale. An improved variety of dwarf habit, with large masses of bloom.....	20	50

Helianthemum

HELICHRYSUM

Straw Flower

One of the best of the "Everlastings." They succeed in any good garden soil. The large, double flowers of rich, glittering colors make a fine display in beds or borders, but are especially grown to dry for winter use in baskets, vases, etc. When grown for winter use, they should be cut when the flowers are about one-third open, but with as long stems as possible; take off all foliage, tie in bunches, and hang head downward in some dark, dry place until the stems are thoroughly dry. Our seeds are of the Monstrosa or large-flowering type, which insures you an abundance of large, double flowers of the most brilliant colors.

	Pkt.	¼oz.
Double Canary-Yellow	$0 10	$0 30
Double Salmon-Pink	10	30
Double Fireball. Bright red	10	30
Double Golden Ball. Yellow	10	30
Double Rose Queen. Old-rose	10	30
Double Silver Ball. White	10	30
Double Violet Queen. Rich color	10	30
Double Mixed. All colors	10	25

COLLECTION: One pkt. each of above 7 colors, 60 cts.

HELIANTHEMUM • Rock or Sun Rose

Chamæcistus mutabile. Exceedingly pretty, low-growing, perennial evergreen plants about 1 foot high, forming broad clumps which are hidden by a dense mass of bloom during their flowering season, July to September. Well adapted for the front of the border, the rockery, or a dry, sunny bank. Choice mixed, pkt. 15 cts.; large pkt. 40 cts.

HELIOPSIS

Pitcheriana. Pretty, branching, perennial plants with numerous, large yellow blossoms, resembling sunflowers. Fine for cutting; blooms all summer. 2 to 3 feet. Pkt. 10 cts.; large pkt. 25 cts.

Heliopsis Pitcheriana

HEUCHERA

Sanguinea. Excellent plants for rockeries and borders. The foliage grows close to the ground, and above it rise numerous graceful panicles of flowers of a vivid shade of coral-red, which make fine cut-flowers. Blooming period from May till September. 1 foot. Pkt. Large pkt. 75 cts. $0 25

Choice Hybrids. *New.* From white to glowing crimson . . Large pkt. 75 cts. 25

HELIOPHILA

Linearifolia. Pretty blue flowers in long racemes. Should be treated as a half-hardy annual, or can be grown in a cool greenhouse. 18 inches. Large pkt. 75 cts. 25

Leptophylla. Bright blue, clear white eye. 9 to 12 inches. Large pkt. 75 cts. 25

HIBISCUS · Marsh Mallow

Tall-growing plants especially adapted to backgrounds and shrubbery borders. Of easiest culture, and bloom the entire season. 4 to 5 feet.

Grandiflorus hybridus. A new race of large-flowered perennial Hibiscus. Excellent for borders. Beautiful mixture of Reds, Pinks, White, Blush, and Clear Rose. 4 feet. Pkt. 25 cts.; large pkt. 75 cts.

Grandiflorus, Sunset. A beautiful plant for the greenhouse or outdoors. Flower very large, pale yellow, black center. Half-hardy annual. Pkt. 15 cts.; large pkt. 40 cts.

Double Hollyhock

HOLLYHOCK

A hardy perennial of upright, stately growth, 5 to 8 feet high. The very double varieties are the most desirable, but the newer, semi-double, fringed types are also very popular. Hollyhocks make a fine row in a garden, or a fine background next to a building or high wall or fence.

Chater's Double White. Pkt. 10 cts.; large pkt. 25 cts.

Chater's Double Scarlet. Pkt. 10 cts.; large pkt. 25 cts.

Chater's Double Sulphur-Yellow. Pkt. 10 cts.; large pkt. 25 cts.

Chater's Double Bright Rose. Pkt. 10 cts.; large pkt. 25 cts.

Heuchera sanguinea

	Pkt.
Chater's Double Salmon-Rose . . . Large pkt. 25 cts.	$0 10
Chater's Double Maroon . . . Large pkt. 25 cts.	10
COLLECTION: Six colors, 50 cts.	
Chater's Finest Mixed . . . Large pkt. 25 cts.	10
Double Imperator. Very large, fringed flower, 6 inches across, with double rosette in center, resembling a crested begonia. Colors range through delicate pink to cerise-salmon.	20
Double Newport Pink. The very double flowers are pure pink . . . Large pkt. 25 cts.	10
Double Triumph, Mixed. New, early-flowering strain, containing a great variety of new colors. The flowers are gracefully waved and fringed. We consider this a wonderful Hollyhock . . . Large pkt. 40 cts.	15
Mammoth Fringed Allegheny. Flowers 5 inches across, in splendid rich colors; petals beautifully laced and fringed; very robust habit. Choicest mixed . . . . Large pkt. 25 cts.	10
Single Mixed. Fine and showy . . . Large pkt. 25 cts.	10

HUMULUS · Japanese Hop

A rapid summer climber which attains a height of 20 to 30 feet, resembling the common hop, but, being an annual, attains full perfection the first season. The foliage is luxuriant, making a dense covering. It is one of the best plants for covering verandas, trellises, etc., producing grateful shade and being very ornamental. Heat, drought, and insects do not trouble it.

Japonicus. Beautiful green foliage. Pkt. 10 cts.; ¼oz. 25 cts.

Variegatus. A variegated variety with handsome foliage. Pkt. 10 cts., ¼oz. 25 cts.

HONESTY · Moonwort

Hardy biennial, admired for its silvery seed-pouches, which are used for house ornaments. Beautiful and curious purple flowers. Sow seed in open in May and protect over winter. 2 feet. Pkt. 10 cts.; ¼oz. 35 cts.

HUNNEMANNIA
Giant Yellow Tulip Poppy

Fumariæfolia. This very beautiful plant forms a bush 2 feet in height, with finely cut foliage, and produces large, tulip-shaped flowers on long, stiff stems, from August to November. The color is a clear, brilliant yellow. Sow seed early in the spring, in shallow drills where the plants are to bloom. Pkt. 10 cts.; ¼oz. 25 cts.; oz. 75 cts.

Sunlite. See Novelties and Specialties, page 8.

ICE PLANT · Mesembryanthemum

Crystallinum. Pretty trailing summer half-hardy annual for vases and rockwork; leaves covered with ice-like drops; flowers white. 6 inches. Pkt. 10 cts.; ¼oz. 25 cts.

Criniflorum. This variety is one of the most easily grown hardy annuals and thrives well in poor soil. The plants, which are of slightly spreading habit, are literally covered with flowers, measuring about 1 inch, of the most delightful shades. Pkt. 25 cts.; large pkt. 75 cts.

Hunnemannia fumariæfolia

INCARVILLEA

Delavayi. A rather new hardy perennial and one of the prettiest plants known. It produces divided, pale green leaves about 2 feet in length. The tube-shaped, bright rose flowers are borne on long, stout stems and appear almost like gloxinias. Pkt. 25 cts.; large pkt. 75 cts.

IMPATIENS

Very effective for bedding and succeeds particularly well in half-shady places, blooming continuously throughout the summer; also makes splendid pot-plants that bloom in profusion all winter long.

	Pkt.	Large pkt.
Holstii Hybrids. Colors varying from pink to vermilion-scarlet	$0 25	$0 75
Sultani. Bright rosy carmine	25	75

IPOMOEA

Climbers of rapid growth, with beautiful and varied flowers. For covering walls, trellises, arbors, or stumps of trees they are invaluable. They bloom best in soil rather low in fertility and in a fairly dry location. Heavenly Blue, especially if overfed or over watered, will not bloom. It is well to soak the seed in warm water over night to assist in germination.

	Pkt.	Oz.
Imperialis (Japanese Morning-Glory). The flowers are of enormous size and of great variety of colors	$0 10	$0 30
Setosa (Brazilian Morning-Glory). The rose-colored flowers are borne very freely in large clusters from August to frost	10	50
Heavenly Blue, Improved Early-flowering. We offer an extra early-blooming strain of this enormously popular and much-sought-after annual climber. The flowers are large and freely produced, of a deep intense blue color, shading lighter toward the center. Its extreme earliness, compact growth, and its true heavenly blue coloring make it distinct and infinitely superior to all other strains. Shown in color on page 1. ¼oz. 50 cts.	15	1 50
Noctiflora (Moonflower). At night and during dull days the plants are covered with an abundance of large, pure white, fragrant flowers, 5 to 6 inches in diameter. ½oz. 30 cts.	10	50
Double Rose Marie. Double flowers of a beautiful shade of deep rose. Large pkt. 40 cts.	15	

Double Stock-flowered Larkspur

Japanese Morning-Glories

JACOBAEA (*Senecio elegans*)

Tall, Double, Mixed. A really beautiful, free-flowering, easily grown, hardy annual, producing fine heads of double flowers which are extremely valuable for cutting. 18 inches. Colors include pink, red, purple, violet, and white. Pkt. 15 cts.; large pkt. 40 cts.

KAULFUSSIA

Amelloides (*Charieis heterophylla*). An excellent annual of easy culture. Small, single, aster-like flowers of light blue. Very beautiful as an edging plant or in rockery. Pkt. 10 cts.; ¼oz. 50 cts.

KALANCHOE

Globulifera Coccinea. An early spring-flowering pot-plant of great value which produces dense panicles of vivid scarlet blooms, borne well above the foliage. Every little growth produces flower-stalks, and the blooms last in full beauty for 8 to 10 weeks. Very easily grown. Pkt. 50 cts.; large pkt. $1.25.

KOCHIA

Trichophylla Childsi (Summer Cypress). A very ornamental plant of graceful habit, with finely cut green foliage which changes to a deep red in the autumn. It forms a neat little bush somewhat resembling a small cypress tree. 3 feet. Pkt. 10 cts.; ¼oz. 20 cts.

KUDZU VINE (*Pueraria Thunbergiana*)

A perennial climber from Japan; fine when once established, often growing 40 feet in a season. Purplish violet, fragrant, wisteria-like flowers; good foliage. Pkt. 10 cts.; ¼oz. 25 cts.

LARKSPUR (Tall Double Stock-flowered)

Larkspurs or Annual Delphiniums bloom quickly from seed sown in the spring, and their fine flower-spikes are exceedingly attractive in the garden, especially if planted in shrubbery borders or large beds. They furnish some of the finest cutting material. 2½ to 3 ft.

	Pkt.	¼oz.
Dark Blue	$0 10	$0 25
Lilac	10	25
Lustrous Carmine or **Newport Pink**	10	25
Shell-Pink	10	25
Sky-Blue	10	25
Pure White	10	25

COLLECTION: One pkt. each of above 6 colors, 50 cts.

	Pkt.	¼oz.
Rosamond. See Novelties and Specialties, page 8.		
Finest Mixed	$0 10	$0 25
Dwarf Rocket. A choice mixture of varieties that grow about 1 foot in height	10	20
New Giant Imperial. See Novelties and Specialties, page 9.		

CALLIOPSIS
Tall, Mixed

Pkt. 10 cts.; ¼oz. 25 cts. Collection: 1 pkt. each of 5 colors, 40 cts. For description, see page 21.

GIANT SWEET SULTANS
(Centaurea imperialis), Mixed

Pkt. 10 cts.; large pkt. 25 cts. Collection: 1 pkt. each of 6 colors, 50 cts. For description, see page 24.

4 Easy-to-Grow ANNUALS

Pictured on this page. Anyone can be successful with these flowers. Try them this year.

One packet of each
Tall Calliopsis, Mixed
Sweet Sultan, Mixed
Cornflower, Mixed
Scabiosa, Mixed
(4 packets total)

35 cts.

SCABIOSA
Improved Large-Flowering Mixed

Pkt. 10 cts.; ¼oz. 30 cts. Collection: 1 pkt. each of 7 colors, 60 cts. For description, see page 46.

CORNFLOWER
(Centaurea Cyanus), Mixed

Pkt. 10 cts.; large pkt. 25 cts. Collection: 1 pkt. each of 4 colors, 35 cts. For description, see page 8.

Petunia, Giant-flowered Elk's Pride
Pkt. 25 cts.; large pkt. 75 cts.
For description, see page 42

Nicotiana affinis, Crimson Bedder
Pkt. 20 cts.; large pkt. 50 cts.
For description, see page 9

Gaillardia picta, Indian Chief
Pkt. 10 cts.; large pkt. 25 cts.
For description, see page 31

Rudbeckia, Annual, Kelvedon Star
Pkt. 20 cts.; large pkt. 50 cts.
For description, see page 10

SPECIAL OFFER: One pkt. each of the above annuals, 65 cts.

Perennial Sweet Pea (Lathyrus)

LAVATERA · Annual Mallow

Beautiful annual, producing profusely the entire summer, large, cup-shaped flowers. Sow in the garden in May and thin out 1 foot apart. 2 feet.

Trimestris grandiflora rosea. Brilliant pink. Pkt. 10 cts.; ¼oz. 25 cts.

LAVENDER (*Lavandula vera*)

True Lavender. Popular sweet-scented hardy perennial; fine for mixed border. 3 feet. Pkt. 10 cts.; ¼oz. 30 cts.

Munstead Strain. Dwarf, compact, early-flowering variety with deep lavender flowers. A good rock-plant. 1 foot. Pkt. 25 cts.; large pkt. 75 cts.

LANTANA

One of the most desirable half-hardy perennial greenhouse or bedding plants, constantly in bloom. Verbena-like heads of Orange, White, Rose, and other colored flowers. 2 feet.

	Pkt.	Lge. pkt.
Mixed Colors	$0 10	$0 25
New Dwarf Bedding Hybrids. Excellent for bedding and pot-culture. Will bloom freely all summer, and can be transferred to the greenhouse for the winter..	25	75

LATHYRUS LATIFOLIUS (Everlasting or Hardy Sweet Pea)

A hardy perennial climber, flowering the first year if seed is sown in the fall. Flowers resemble sweet peas. Is not fragrant, but is hardy and showy. Height, 6 feet.

White Pearl **Pink Beauty** **Red** **Mixed**

Each, pkt. 10 cts.; large pkt. 25 cts.

LEPTOSYNE

Maritima. Large, golden yellow flowers on long stems, greatly resembling coreopsis, with very fine fern-like foliage. Good for cutting and forcing. 2 feet. Pkt. 15 cts.; large pkt. 40 cts.

Stillmani. One of the quickest-growing annuals, blooming within five weeks from date of sowing, and the golden yellow flowers continue in perfection for a long time. Excellent for cutting. Height, 18 inches. Pkt. 10 cts.; large pkt. 25 cts.

LEPTOSIPHON

Hybrids. Free-flowering hardy annuals, useful for edging and rock-work. Plants are thickly studded with charming bright flowers of various colors. Pkt. 10 cts.; large pkt. 25 cts.

LILIUM

Philippinense formosanum. A new, graceful, hardy Lily growing 2 to 3 feet high, with large, trumpet-shaped, fragrant, white blooms, suffused on the exterior with reddish brown. Will bloom 6 to 8 months after sowing. Pkt. 25 cts.; large pkt. 75 cts.

LIMNANTHES

Douglasi. A very showy Californian species bearing white and yellow, fragrant flowers in profusion from June to August. It is of dwarf habit, not exceeding 6 inches in height, and makes a most attractive display when grown in masses in beds, or as edgings to borders. Bees are very partial to its flowers. Pkt. 10 cts.; ¼oz. 30 cts.

LINUM · Flax

	Pkt.
Grandiflorum rubrum (Scarlet Flax). An elegant, free-flowering hardy annual, valuable for bedding; brilliant scarlet flowers. 1 foot.... ½oz. 25 cts.; oz. 40 cts...	$0 10
Flavum. A splendid, hardy variety for the rock-garden. Golden yellow flowers from June to September. 1 foot.... Large pkt. 40 cts...	15
Perenne. A graceful, hardy perennial, producing bright blue flowers the entire summer. 1½ feet.... Large pkt. 25 cts...	10
Perenne album. A fine white-flowered form of the above. Large pkt. 25 cts...	10

LYCHNIS

Handsome hardy perennial plants of easy culture, for massing in beds and borders, blooming the first year if sown early.

	Pkt.	Large pkt.
Alpina. Close tufts of olive-green foliage and clusters of rose-colored flowers. 4 inches....	$0 25	$0 75
Arkwrighti. A cross between Chalcedonica and Haageana. In May it bears an abundance of large, brilliantly colored flowers varying from orange-scarlet to soft salmon-pink. 2 to 3 feet....	15	40
Chalcedonica. Fine scarlet flowers. 2 feet....	10	25
Chalcedonica, Salmon Queen. Very pretty salmon-pink....	15	40
Haageana. Brilliant orange, scarlet, crimson, in mixture. 1 foot....	15	40

See Flower Seed Novelties, pages 6 to 11

LIATRIS · Blazing Star

Spicata. A hardy perennial that grows in long spikes, 4 to 5 feet tall, densely covered with slender, grass-like leaves of a light green. The small flowers are rosy purple. A peculiar habit of the Liatris is that the succession of bloom is from the top downward rather than from the lowest blooms up to the highest, as in all other spike flowers. Pkt. 15 cts.; large pkt. 40 cts.

LINARIA

A desirable, hardy annual excellent for cutting. The loose, graceful sprays bear dainty flowers resembling a miniature antirrhinum. Can also be grown in the greenhouse for winter blooming.

	Pkt.	Lge. pkt.
Maroccana, Diadem. Bright violet with pure white eye. 10 inches....	$0 25	$0 75
Maroccana, Ruby King. Ruby-crimson. 10 inches..	25	75
Maroccana, Fairy Bouquet. *New.* Compact habit with large flowers in many beautiful colors. 8 inches.	25	75
Maroccana hybrida, Excelsior. A fine mixture of brilliant colors. 12 to 18 inches....	10	25
Cymbalaria (Kenilworth Ivy). Beautiful trailing plants with violet flowers; useful for vases, baskets, etc....	10	25

Linaria maroccana

Lupinus (Lupine)

Annual Lupines

Free-flowering, easily grown annuals, with long, graceful spikes of rich and various-colored pea-shaped flowers; valuable for mixed borders, beds and for cutting. 2 feet.

	Pkt.	½oz.	Oz.
Rich Blue	$0 10	$0 25	$0 40
Sky-Blue	10	25	40
Yellow	10	25	40
Rose	10	25	40
White	10	25	40
Mixed	10	20	30

Hartwegi Giants. See Novelties and Specialties, page 9.

LOBELIA

Exceedingly pretty, profuse-blooming plants of great value, both in the garden and for hanging-baskets, window-boxes, and vases; especially prized for edgings of beds and borders. 6 inches.

Annual Varieties

	Pkt.
Blue Stone Improved. The finest compact Lobelia for bedding. Clear blue without eye. Especially selected strain. Large pkt. 75 cts.	$0 25
Blue Emperor. Light blue; compact; very fine. ⅛oz. 50 cts.	10
Cambridge Blue Improved. True Cambridge blue color of good, compact habit. Reselected stock. Large pkt. 75 cts.	25
Compacta, Crystal Palace. (Extra selected.) Dark blue. For borders and bedding. ⅛oz. 75 cts.	10
Compacta, Mrs. Clibran. Deep blue; white eye; compact habit. Large pkt. 25 cts.	10
Compacta, Snowball. Compact habit; pure white. Large pkt. 25 cts.	10
Erinus (gracilis). Blue. Fine for baskets or trailing purposes. Large pkt. 25 cts.	10
Hybrida, Sapphire. Deep blue, pure white eye; used for balconies, flower-stands, and hanging-baskets. Large pkt. 40 cts.	15
Tenuior. Flowers cobalt-blue, with white center. Of upright growth; about 15 inches high. Splendid for pots or bedding. Large pkt. 40 cts.	15

Perennial Variety

Cardinalis (Cardinal Flower). Long spikes of intense scarlet flowers. Indispensable for permanent beds and borders. 3 feet. Large pkt. 75 cts.	25

LUPINUS · Lupine

Perennial Varieties

Hardy perennials, succeeding in any good garden soil; blooms in May and June. 3 feet.

	Pkt.	¼oz.
Polyphyllus. Blue	$0 10	$0 30
Polyphyllus albus. White	10	30
Polyphyllus roseus. Rosy pink flowers	15	50
Polyphyllus, Elliott's Sweet-scented. *New.* Handsome spikes of sweet-scented self- or bicolored flowers. Large pkt. 40 cts.	15	
Polyphyllus, Harkness Hybrids. Refined mixture, containing many art shades. Large pkt. 40 cts.	15	
Moerheimi. Flowers rose and white; blooms nearly the whole summer. Habit rather dwarf. Large pkt. 40 cts.	15	
Perennial Mixed	Oz. 40 cts.; ½oz. 25 cts.	10

MARIGOLD

These old-fashioned favorites are annuals of the very easiest cultivation. Both the French and African classes are very effective. The former have the small, velvety flowers, in pretty combinations of yellow, brown, maroon, and striped effects; the African sorts are the enormous-flowered ones, in very showy orange and lemon shades. Both are popular for beds, borders, and cut-flowers. They bloom profusely all summer. Start the seed early in a box in the house or plant directly in the garden when the weather is warm.

Double African Marigolds

	Pkt.	¼oz.
Golden Emblem. Very large flowers of rich gold, measuring from 4 to 5 inches in diameter. The color is a mid-shade between Lemon Queen and Orange Prince. Large pkt. 50 cts.	$0 20	
Orange Prince. Large, deep golden orange flowers. 2½ feet.	15	$0 50
Lemon Queen. A charming color. 2½ feet.	15	50
Primrose Queen. Creamy primrose with a touch of gold.	15	50
Mixed. 2½ feet. Oz. 75 cts.	10	25
Orange Alldouble. A magnificent strain that will produce 100 per cent double flowers. Large pkt. 50 cts.	20	
Lemon Alldouble. Identical in habit to above. Color a clear lemon-yellow. Large pkt. 50 cts.	20	

Dixie Sunshine, **Guinea Gold**, **Yellow Supreme** } See Novelties and Specialties, page 9. Shown in color on page 1.

Dwarf Double African Queen Strain. See Novelties and Specialties, page 9.

French Marigolds

	Pkt.	¼oz.
Double Dwarf Gold-striped. Golden yellow, striped maroon. 1 foot	$0 10	$0 30
Double Dwarf Golden Ball. Pure golden yellow. 1 foot	10	30
Double Dwarf Dark Brown. Beautiful reddish brown with gold margin. 1 foot	10	30
Double Dwarf Golden Yellow. Brown margin. 1 foot	10	30
Double Dwarf Lemon Ball. Lemon-yellow. 1 foot	10	30
Double Dwarf Robert Beist. Rich velvety mahogany-brown. 1 foot	10	30

COLLECTION: One pkt. each of above 6 colors, 50 cts.

Double Finest Mixed. A splendid mixture	10	35
Double Dwarf Monarch Strain. *New.* The ideal type of Dwarf French Marigold. Dwarf, compact plants with very large, tight, double flowers in a wide color-range. 1 foot	15	40

French and African Marigolds

	Pkt.	¼oz.
Double Tall Royal Scot. *New.* The large, well-formed, double flowers are produced in abundance on plants from 2 to 2½ feet high. The color is a charming combination of mahogany and gold in symmetrical stripes which radiate from the center of the flower. Large pkt. 75 cts.	$0 25	
Harmony. See Novelties, page 9.		
Single Tall Josephine. Dark brown, with gold edges. Long stems, fine for cutting. 3 feet	10	$0 30
Single Dwarf Legion of Honor. Flowers bright yellow blotched with brown. For beds and edging. 9 inches	10	25
Single Dwarf Fire Cross. *New.* Deep orange-yellow, each petal marked with crimson-maroon blotch. 9 inches	10	30

Four-o'Clocks

MARVEL OF PERU

Four-o'Clock or Mirabilis

A very popular and most interesting garden plant, growing to a height of 2½ feet and spreading to perfect tree-shaped bushes 1½ feet through, which are literally covered with bright-colored morning-glory-like blossoms. The foliage is very dense, solid in form, and dresses the plant completely from the bottom up. The flowers open in the afternoon and close each morning. They range in color from white to yellow, pink, orange, and red. Seeds may be sown in the open garden.

	Pkt.
Mixed Colors.....Oz. 25 cts.	$0 10

MARTYNIA

	Pkt.
Fragrans. Sweetly scented, gloxinia-shaped, crimson and purple flowers, followed by curiously formed fruit. 1½ feet.....Large pkt. 25 cts.	$0 10

MATRICARIA

Free-flowering, half-hardy perennial which should be treated as an Annual. Fine for bedding or pots; blooms until frost.

	Pkt.
Capensis albo-pleno (Double White Feverfew). Handsome double white flowers. 1½ feet.....¼oz. 25 cts.	$0 10
Dwarf Golden Ball. Compact habit, excellent for bedding. Golden yellow, double flowers. 9 inches..Large pkt. 40 cts.	15
Dwarf Snowball. Pure white form of the above.....Large pkt. 40 cts.	15

MATTHIOLA · Evening-scented Stock

	Pkt.
Bicornis. This old-fashioned annual has no beauty to recommend it, the flowers being a dull purplish lilac, but it is well worth growing for the entrancing fragrance which it emits during the evening. 1 foot.....¼oz. 25 cts.	$0 10

MAURANDIA

Elegant, twining half-hardy perennial plants, with handsome foliage and tube-shaped flowers. It blooms early from seed the first season and is particularly adapted for house and conservatory; excellent for hanging-baskets, window-boxes, etc. 10 feet.

	Pkt.
Barclaiana, Finest Mixed.....Large pkt. 40 cts.	$0 15

MIMULUS

A half-hardy perennial, growing from 6 inches to 1 foot high. Useful for window-gardens and pot-work, or for garden in a moist, shady situation. Blooms first year from seed if sown early.

	Pkt.
Moschatus (Musk Plant). Fragrant plant with small, yellow blooms.....Large pkt. 40 cts.	$0 15
Tigrinus (Monkey Flower). Large flowers of several colors and spotted.....Large pkt. 25 cts.	10

MIMOSA

	Pkt.
Pudica (Sensitive Plant). A curious annual whose leaves instantly close up when touched. A neat plant for either pot or garden culture. 1½ feet.....Large pkt. 25 cts.	$0 10

MIGNONETTE · Reseda

The wonderful, sweet, delicate fragrance of Mignonette has made it a favorite in every garden. Sow in April where plants are to remain and again later for a continuation of bloom until frost; can also be grown in pots for winter and early spring flowering.

	Pkt.	¼oz.
Machet. (Selected Strain.) Dwarf and vigorous grower with large spikes of sweet-scented flowers. Fine for either greenhouse or outdoor culture.....	$0 15	$0 50
Golden Machet. Thick, massive spikes of golden yellow fragrant flowers.....	10	25
Ball's Forcing. Specially selected strain for greenhouse forcing. Immense spikes. Large pkt. 75 cts.	25	
Defiance. Spikes from 12 to 15 inches long; fragrant..	10	25
Goliath. The immense trusses of highly scented bright red flowers are borne on erect, strong, stiff stalks...	15	50
Triumph. Strong, vigorous grower, with large spikes.	15	50
Sweet-scented. The old variety with small spikes; very sweet scented.....Oz. 25 cts.	10	

MYOSOTIS · Forget-me-not

Most of the Forget-me-nots will bloom the first year from seed if sown early. If sown in July or August, in shaded frames, fine plants will be obtained for spring blooming.

	Pkt.
Alpestris, Victoria. Compact growth, with long sprays of bright blue flowers. 6 inches.....Large pkt. 40 cts.	$0 15
Alpestris, Victoria Rose. Bright rose....Large pkt. 40 cts.	15
Dissitiflora. Very free-blooming; large-flowering; compact habit.....Large pkt. 40 cts.	15
Palustris (True Forget-me-not). Dark blue.....Large pkt. 25 cts.	10
Palustris semperflorens. Very dwarf; blooming from spring until autumn.....Large pkt. 40 cts.	15
Royal Blue. Flowers are of larger size and a deeper blue than any other; unexcelled for pot culture ....Large pkt. 40 cts.	15
Ruth Fischer. Neat and compact habit, and the lovely blue flowers shoot up strongly over the glossy dark green foliage.	50
Oblongata perfecta. Flowers borne on long stems; very suitable for winter flowering.....Large pkt. 40 cts.	15

MOMORDICA

Handsome climbing annual with rich green foliage and golden yellow warted fruit. 10 feet.

	Pkt.
Balsamina (Balsam Apple). Round apple-shaped fruit.....Large pkt. 25 cts.	$0 10
Charantia (Balsam Pear). Pear-shaped fruit. The fruits of this variety are used medicinally.....Large pkt. 25 cts.	10

Myosotis

NASTURTIUMS

A marvelous range of new colors has been developed in this favorite flower which, for three or four months of the season, makes a better display than almost any other plant. No other hardy annual will produce such a lavish profusion of flowers for so long a time with the same small outlay of time and labor. The maximum of bloom is produced on thin soils, and never flags through the hottest weather. In soils too rich, leaves predominate, and the plants are apt to rot off in wet weather, especially if standing too close. The tall varieties make a very effective display when trained on fences or trellises and the low sorts are fine for edging and massing.

DWARF OR TOM THUMB VARIETIES

Compact, bushy plants, just right for bedding, blooming freely from June until frost and furnishing splendid cut-flowers.

Chameleon. Various colors on one plant.
Crystal Palace Gem. Yellow, maroon blotches.
Empress of India. Fiery crimson; dark foliage.
Golden King. Golden yellow; dark foliage.
King Theodore. Crimson-maroon; dark foliage.
King of Tom Thumbs. Dark scarlet; dark leaves.
Pearl. Creamy white.
Prince Henry. Pale yellow, carmine blotches.
Regelianum. Deep, purplish crimson.
Rose. Soft carmine-rose.
Spotted. Golden yellow, spotted garnet.
Vesuvius. Rich deep apricot; dark foliage.

Any of the above dwarf sorts, pkt. 10 cts.; oz. 25 cts.; ¼lb. 75 cts.

COLLECTION: One pkt. each of above 12 varieties, 80 cts.

Superb Mixture of Fancy Dwarf Nasturtiums. The cream of the Dwarf Nasturtiums in a special blend. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts.; lb. $2.

TALL OR CLIMBING VARIETIES

Of quick growth, covering a wall, hedge, or trellis in a short time. The brilliant blossoms almost cover the plant from top to bottom. 6 to 8 feet.

Chameleon. Rich vari-colored flowers on same plant.
Crimson. Velvety crimson.
Gold Garnet. Orange-yellow, garnet blotches.
Jupiter. Golden yellow.
King Theodore. Crimson-maroon; dark foliage.
Orange. Pure orange.
Pearl. Creamy white.
Prince Henry. Pale yellow, carmine blotches.
Rose. A lovely shade of ruby-rose.
Schulzi. Rosy scarlet; dark foliage.
Vesuvius. Rich deep apricot.
Yellow. Pure yellow.

Any of the above tall sorts, pkt. 10 cts.; oz. 25 cts.; ¼lb. 75 cts.

COLLECTION: One pkt. each of above 12 varieties, 80 cts.

Superb Mixture of Fancy Tall Nasturtiums. A special blend, embracing all of the finest named varieties. Both plain and fancy-leaved sorts. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 50 cts.; lb. $1.50.

Dwarf Nasturtiums

DOUBLE SWEET-SCENTED NASTURTIUMS

GOLDEN GLEAM *SCARLET GLEAM*
GLORIOUS GLEAM HYBRIDS

See Color Plate, Back Cover

DWARF DOUBLE GOLDEN GLOBE

See Novelties and Specialties, page 9

Nemesia

LOBB'S CLIMBING VARIETIES

Both foliage and flowers of this type are slightly smaller than those of the common Tall Nasturtiums, but the wonderful profusion of bloom and intense brilliancy of colors make it particularly desirable. 6 to 8 feet.

Lobb's Finest Mixed. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 50 cts.; lb. $1.50.

NEMESIA

Free-blooming, dwarf bushes for pot-culture and open borders. Sow in spring under glass and transplant; or sow outdoors in May, in patches, where they are intended to flower. Seed sown in the autumn makes beautiful pot-plants for early spring blooming.

Strumosa Suttoni. The finest strain of this popular flower, both for size of the individual flowers and richness and variety of color.

	Pkt.	Large pkt.		Pkt.	Large pkt.
Rose. Bright rose	$0 15	$0 40	**Scarlet.** Pure scarlet	$0 15	$0 40
Orange. Rich orange-yellow.	15	40	**Mixed.** Splendid mixed colors	15	40

Dwarf Compact, Blue Gem. Fine for edging small beds. Flowers are a beautiful bright blue. Pkt. $0 15; Large pkt. 40 cts.

Dwarf Compact Hybrids. A great variety of new and improved colors; very free-flowering. 9 inches. Large pkt. 40 cts. 15

NEPETA

Mussini. An excellent plant for any position, but especially useful in the rock-garden. It is of compact habit, forming dense tufts about 12 inches high, with masses of small, light violet-blue flowers during July and August. Large pkt. 40 cts. 15

NEMOPHILA

Very pretty, dwarf-growing, hardy annual of easy culture; continuous bloomers; cup-shaped flowers of brightest colors. Good in pots, edgings, rockeries or beds; moist soil and partial shade is favorable for them.

		Pkt.	Oz.
Insignis. Sky-blue	½oz. 30 cts.	$0 10	$0 50
Mixed	½oz. 20 cts.	10	35

NIGELLA · Love-in-a-Mist

		Pkt.
Miss Jekyll. Bushy plants about 12 to 15 inches high; cornflower-blue flowers of large size, surrounded by mist-like foliage; lovely for cutting	¼oz. 25 cts.	$0 10
Miss Jekyll, White. A white form of the above	¼oz. 25 cts.	10

NICOTIANA · Flowering Tobacco

Most showy and profuse-flowering garden annuals, giving a continuous display of brilliant, very fragrant flowers through summer and autumn. Easily grown, thriving in a sunny position in any good garden soil.

		Pkt.
Affinis. Large, pure white flowers; very fragrant	¼oz. 25 cts.	$0 10
Affinis, Crimson Bedder. See Novelties and Specialties, page 9.		
Affinis Hybrids. Brilliant colors, including a large proportion of pink and red shades in addition to pure white	¼oz. 35 cts.	10
Sylvestris. Long, white, very fragrant, tubular flowers. 4 to 5 feet	¼oz. 25 cts.	10
Sanderæ Hybrids. Very bushy plants, with large, tubular flowers in shades of carmine, rose, and pink	¼oz. 40 cts.	10

NIEREMBERGIA · Cup Flower

Frutescens. A handsome annual plant with showy bell-shaped flowers, delicate lilac shading to white at the edge, useful as a pot-plant or in the open border	Large pkt. 25 cts.	10

Œnothera fruticosa Youngi

ŒNOTHERA · Evening Primrose

Beautiful, hardy perennial plants of easy cultivation which are completely covered with single flowers. Elegant for sunny positions, blooming all summer.

		Pkt.
Fruticosa Youngi. Deep golden yellow flowers with reddish stems. 3 feet	Large pkt. 75 cts.	$0 25
Missouriensis. A fine trailing variety with pale yellow flowers 4 to 5 inches in diameter. Excellent rock-plant	Large pkt. 40 cts.	15

PANSY

Pansies thrive best in a moist, shady location and in rich, loamy soil. Seed should be sown in the autumn for early spring blossoms, or can be sown early in the year for good flowers late in the spring. The plants must be transplanted twice in order to get the largest flowers—once from the seed-box to a chosen bed, and again to the open garden. This is important if large-sized Pansies are desired. Use manure liberally. The blossoms are usually larger in the spring and again in the fall, but are small during the hot months.

Waterer's A-1 Exhibition Pansies

WATERER'S A-1 EXHIBITION, MIXED. A magnificent strain of enormous flowers having waved or ruffled petals of great substance borne on strong stems. This mixture contains the richest combination of colors. Pkt. 75 cts.; 1/16oz. $1.75; ⅛oz. $3.

WATERER'S EXHIBITION PRIZE, MIXED. This is a superb mixture of the largest and best types in an immense variety of brilliant colors. Pkt. 50 cts.; 1/16oz. $1; ¼oz. $3; oz. $10.

	Pkt.	Large pkt.	¼oz.
Triumph of the Giants. Plants of robust growth with large flowers, mostly curled; rich variety of color.	$0 25	$0 75	
Alpenglow. Large, beautiful, cardinal-red flowers, with dark blotches on the three lower petals	25	75	
Rheingold. Deep golden yellow, with dark mahogany blotches on lower petals	25	75	
Masterpiece (Frilled Pansy). Beautifully waved and fluted petals, richly colored, red and brown predominating	25	75	
Parisian Large Stained. Very showy strain of Trimardeau; fine large flowers	15	40	
Roggli (Improved Swiss Giant). The flowers are flat, of excellent substance, immense in size, and the mixture shows outstanding and very attractive colors	25	75	
English Prize. Seed saved from the finest collection of prize plants	50	1 00	
Giant Prize, Apricot Queen. Rich apricot	25	75	
Giant Prize, Celestial Queen. Beautiful sky-blue	25	75	
Giant Prize, Ullswater. Large, deep wedgewood blue flowers, with black-blue center	25	75	
	Pkt.	Large pkt.	¼oz.
Giant Prize, Light Blue. Ultramarine-blue with violet eye	$0 15	$0 40	$1 00
Giant Prize, Golden Queen. Bright golden yellow, marked in center with dark stripes	15	40	1 00
Giant Prize, Golden Yellow. Bright golden yellow, with large brown eyes	15	40	1 00
Giant Prize, Dark Blue. Rich dark blue; large, fine	15	40	1 00
Giant Prize, Lord Beaconsfield. Deep violet, shading to white on the upper petals	15	40	1 00
Giant Prize Lavender-Blue. The lightest blue color that we know in Pansies, with deep blue blotches on the three lower petals	25	75	
Giant Prize, Snow Queen. Satin-white, center slightly tinged with yellow	15	40	1 00
Giant Prize, White. White flowers with dark eye	15	40	1 00
Choice Mixed. Extra fine; great variety	10	25	75

Single Fringed Petunias

PHLOX DRUMMONDI

Large-Flowering Varieties

For a color effect in the garden there is nothing quite so brilliant and quite so lasting as these desirable hardy annuals. Plants grow about 1 foot high, produce their slender flower-stems in numbers on a single plant, each being crowned with an umbel composed of ten to twenty large, perfumed blooms, which resemble in appearance a hardy Phlox. They succeed best in a sunny open situation, and seeds, sown outdoors in May, will be a solid sheet of color in July and remain so until frost. They may be cut and lend themselves with much grace in arrangements in bowls. Seeds may also be sown in the hotbed in March and thus flowers can be had in June.

	Pkt.	¼oz.		Pkt.	¼oz.
White	$0 10	$0 50	**Bright Scarlet**	$0 10	$0 50
Shell-Pink	10	50	**Scarlet, White Eye**	10	50
Chamois-Rose	10	50	**Lilac**	10	50
Deep Rose	10	50	**Yellow**	10	50

Choicest Mixed. Splendid, large-flowering sorts. Pkt. 10 cts.; ¼oz. 40 cts.; oz. $1.25.

COLLECTION: One pkt. each of above 8 colors, 70 cts.

Phlox Drummondi Gigantea, Art Shades. See Novelties and Specialties, page 10. Shown in color on inside front cover.

DWARF PHLOX

Plants of this charming section grow 6 to 8 inches high and produce dense masses of bloom all summer. Excellent for beds, edgings, pots, etc.

	Pkt.	Large pkt.		Pkt.	Large pkt.
Brilliant Rose	$0 15	$0 40	**Pure White**	$0 15	$0 40
Fiery Scarlet	15	40	**Choice Mixed**	15	40

Star Phlox (*P. cuspidata*). Beautiful star-shaped flowers of various colors. Pkt. 10 cts.; ¼oz. 40 cts.

PHLOX DECUSSATA

The hardy Phloxes are splendid old-fashioned border flowers, lasting for years when once established on good soil, and blooming from July until September. The seed germinates slowly and irregularly. 3 feet.

Finest Mixed. Large-flowering varieties. Pkt. 15 cts.; large pkt. 40 cts.

LARGE-FLOWERING PETUNIAS

Petunias are showy in beds, and bloom continuously throughout the summer. Sow the seed in pots or flats in the house or hotbed in February or March, or in the garden as soon as the soil is warm. Cover the seed but lightly, as it is very fine.

Dainty Lady. See Novelties and Specialties, page 10.

Elk's Pride. Immense flowers with heavy velvety petals of rich violet-purple; plain edges. Shown in color on page 36 ..... Pkt. Large pkt. 75 cts. $0 25

Lace Veil. *New.* The neat, dwarf, compact plants are about 1 foot high and are heavily covered with large, beautifully fringed pure white flowers ..... Large pkt. $1 .. 50

Marine. *New.* Large, fringed flowers of rich, deep violet. A welcome addition to this group ..... Large pkt. $1 .. 50

Pink Triumph. Considered the best bright pink fringed variety ..... Large pkt. 75 cts. .. 25

Pride of Portland. Well-waved, rich Tyrian-rose blooms, lighter in the throat ..... Large pkt. 75 cts. .. 25

Setting Sun. A fine, dwarf brilliant rose-pink; compact habit, growing only 1 foot high. Flowers are beautifully fringed and measure 3 inches across ..... Large pkt. $1 .. 35

Scarlet Beauty. Glowing crimson-scarlet, shading to rose in the throat and toward the lovely frilled edges ..... Large pkt. 75 cts. .. 25

Theodosia. A very fascinating fringed Petunia. Soft rose-pink, with open throat beautifully veined .. Large pkt. $1 .. 35

White Cloud. Large, pure white flowers with plain edges. Dwarf and compact habit ..... Large pkt. 75 cts. .. 25

White Beauty. Beautifully frilled, snowy white flowers with attractive throat-markings ..... Large pkt. 75 cts. .. 25

Large-flowering Single Fringed. An unrivaled strain, producing large, beautiful flowers of the richest colors, with fringed edges ..... Large pkt. 75 cts. .. 25

Superb Large-flowering Double Fringed. Our seed is unsurpassed in quality. Finest mixed .. Large pkt. $1 .. 50

Dwarf California Giants. A dwarf strain of the well-known California Giants. Excellent for pot-culture and bedding. The flowers are beautifully ruffled and fringed, with open, well-marked throats ..... Large pkt. $1 .. 35

Giants of California. Very large flowers, fringed and ruffled, with attractive deep throats, beautifully veined. A well-balanced mixture of desirable colors ..... Large pkt. 75 cts. .. 25

Dwarf Giant Fringed Petunia, All Double. See Novelties and Specialties, page 10.

IMPORTED COLLECTION: Six Double Fringed varieties, $1

SINGLE BEDDING PETUNIAS

Flaming Velvet. See Novelties and Specialties, page 10.

	Pkt.	⅛oz.
Feltham Beauty. Color ranges from white to deepest rose. 1 foot ..... Large pkt. 75 cts.	$0 25	
Rosy Morn. Bright rosy pink, white throat	15	$0 75
Rosy Morn Improved. A decided improvement, being more uniform in habit and brighter in color.	20	1 00
Rose of Heaven. Very dwarf; rose-pink	15	50
Heavenly Blue. Finest light blue Petunia	15	1 00
Howard's Star Improved. Velvety purple; pure white star	15	50
Periwinkle Blue. Large, bold, five-pointed flowers on dwarf, compact plants. The color is a delightful shade of pastel blue which very much resembles the perennial vinca (periwinkle). A welcome addition to this popular group	20	1 00
Snowball. Fine; compact; pure white	15	50
Violacea. A beautiful steel-blue or deep violet, with no trace of magenta	15	75
Finest Mixed. A choice mixture of color and shades	10	35

BALCONY PETUNIAS

A splendid, large, free-flowering type for window-boxes, vases, hanging-baskets, etc. The flowers average 3 inches across and make a very effective display over a long season.

	Pkt.	Large pkt.
Blue. Velvety indigo-blue	$0 15	$0 40
Rose. Brilliant rose-pink	15	40
White. The pure white form	15	40
Crimson. Rich velvety crimson	15	40

COLLECTION: One pkt. each of the above 4 colors, 50c.

Netted Blue Gem. Steel-blue, beautifully netted or veined with deep violet	25	75
Star of California. Velvety violet, shaded crimson; pure white blotches	15	40
Mixed	15	40

MINIATURE PETUNIAS

Pink Gem
Rose Gem
Finest Mixed
Ruffled Martha Washington

} See Novelties and Specialties, page 10.

Shirley Poppies

POPPIES

Few flowers have the same grace of stem, airiness of poise, and delicacy of tissue as the Poppy. For beds and borders, with a background of green, there is nothing finer. Some sorts are admirable for naturalizing in open wooded grounds; others, like the Shirley, are beautiful for cutting. A sandy loam suits Poppies best, and, as their strong tap-roots are difficult to transplant, it is well to sow the seed where the plants are to bloom. Sowings made in fall and at intervals in spring will provide a long succession of flowers. Sow thinly, covering very lightly, and thin the plants to stand about a foot apart. The best plants are those grown from early sowings while the soil is cool and moist.

SINGLE ANNUAL VARIETIES

	Pkt.	¼oz.
Dainty Lady. Immense flowers 4 to 5 inches across, of a charming shade of rosy mauve, with a large dark metallic blotch at the base of each petal	$0 10	$0 25
Black Prince. *New.* A single fringed Poppy of black-brown hue, with dark violet reflection, which, with the almost white anthers, forms a striking contrast	10	25
Charles Darwin. Annual Poppy, growing 2 to 2½ feet high and remarkable for its color, a rich, dark purple, adorned with a black spot at base of petals	10	25
Virginia. Large, beautifully fringed flowers of pure white, edged with soft pink	10	25
King Edward. Deep scarlet-red with large black blotch on each petal. 2½ feet	10	25
Admiral. A single peony-flowered variety of surpassing beauty, having large, smooth-edged flowers of glistening white, with a broad band of brilliant scarlet around the top	10	25
The Bride. A beautiful variety, with very large, pure white, perfectly formed flowers	10	25
Danebrog (Danish Flag). Single scarlet flowers, with a large white blotch on each petal. 2 feet	10	25
Single Mixed. Annual sorts	Oz. 25 cts...	10

SINGLE ANNUAL SHIRLEY VARIETIES

The most charming Poppy in cultivation. The blossoms are bright and showy and include an almost endless variety of colors, from pure white, pink, terra-cotta, salmon, chamois, and rosy carmine, to brilliant crimson, many of the flowers being beautifully flaked or edged with white.

American Legion. Dazzling orange-scarlet.

Deep Apricot. Rich apricot.

Picotee. White edged scarlet.

Salmon-Pink. Beautiful shade.

Wild-Rose Pink. Soft rose-pink.

Any of the above, pkt. 10 cts.; ¼oz. 25 cts.; oz. 75 cts.

Mixed (Santa Rosa Strain). A grand variety of colors saved from selected flowers. Pkt. 10 cts.; ¼oz. 20 cts.; oz. 50 cts.

DOUBLE ANNUAL VARIETIES

Whereas the single Poppies are most fragile in appearance, and the airiest flowers imaginable, the double sorts are firm-petaled and of sufficient substance to last well on the plants and after cutting. Their range of color is marvelously varied and a big bed of them is a joyous riot of gorgeousness.

	Pkt.	¼oz.
American Flag. Beautiful variety with very large and double flowers of snow-white, bordered with scarlet	$0 10	$0 20
Cardinal. A splendid variety, growing about 2 feet high and bearing large, globular, fringed flowers of an intense cardinal-red	10	20
Eldorado. New double Shirley Poppy. Beautiful shades	Oz. 75 cts...	10 25
Mikado. Double; white-fringed petals, tipped with scarlet. 2 feet	10	25
Shell-Pink. Similar in every way to Cardinal and White Swan, except color, which is a soft seashell or chamois-pink	10	25
White Swan. Immense double flowers, beautifully fringed, and of purest white	10	25
Carnation-flowered. Finest mixed double, large showy flowers. 2 feet	Oz. 10	$0 25
Peony-flowered, Mixed. Splendid, large double flowers of all colors	10	25

HARDY PERENNIAL VARIETIES

There are no flowers more ornamental and useful in our gardens than the various varieties of hardy Poppies. Once started they increase in size and beauty each succeeding season.

Perennial Poppies may be sown from June to August, to bloom the following summer.

	Pkt.	Large pkt.
Alpine, Mixed. A charming miniature Poppy, with brilliantly colored flowers, including white, pink, apricot, yellow, or orange-scarlet, etc. Useful for rockwork. 6 inches	$0 25	$0 75
Orientale (Oriental Poppy). The beautiful, brilliant dark scarlet, hardy Poppy which is indispensable for striking, bold effects	10	25
Orientale, Mrs. Perry. Orange-apricot, very fine	15	40
Orientale, Perry's White. An unusual, distinct break in Oriental Poppies. Large, pure white, handsomely marked flower with maroon in the throat	25	75
Orientale, Princess Victoria Louise. Bright salmon-pink	15	40
Orientale Hybrid, The Feltham. Scarlet to apricot with no black blotches at base of petals; the flowers are thus self-colored. Hardy	25	75

Iceland (*Papaver nudicaule*). They grow about a foot high and are covered with masses of flowers which are produced throughout the season almost without interruption. They equal the annual varieties in delicacy and grace.

	Pkt.	Large pkt.		Pkt.	Large pkt.
Orange-Scarlet	$0 10	$0 25	**White**	$0 10	$0 25
Yellow	10	25	**Mixed**	10	25

Iceland, Sandford's Giant Strain. An outstanding strain. The flowers are huge and well formed, in a wide range of colors borne on long, stiff stems. Pkt. 25 cts.; large pkt. 75 cts.

Iceland, Sunbeam Improved. This variety introduces new colors of the popular Iceland Poppies in tints such as maize, cream, and various shades of rose. The flowers are large, borne on long, wiry stems. Pkt. 20 cts.; large pkt. 60 cts.

PLATYCODON

The large-flowering Chinese Bellflower. It is a hardy perennial, bearing large, broad, bell-shaped white or blue flowers; very handsome for garden decoration. 2 feet.

	Pkt.	Large pkt.
Grandiflorum, Blue	$0 10	$0 25
Grandiflorum, White	10	25

Flowers and Plants for different purposes and situations. See page 12

Portulaca

Primula obconica

Primula japonica. See page 45

PENTSTEMON

Hardy herbaceous plants which produce continuously an abundance of brilliant flowers, somewhat like the foxglove, but mostly with white throats. Makes a fine border flower. Sow seeds in a pan of light soil and transplant. 2 to 3 feet.

	Pkt.
Grandiflorus, Excelsior. The plants of this fine variety attain a height of about 2½ feet. The blooms are a great size, almost as large as a gloxinia, and range in color from white to deep scarlet.....Large pkt. 40 cts.	$0 15

PHACELIA

Campanularia. The neat little bushes, about 1 foot high, are literally covered with lovely, gentian-blue, cup-shaped flowers throughout the entire summer. An easily grown annual... Large pkt. 25 cts.	10

PHYSOSTEGIA · False Dragonhead

One of the most beautiful of our summer-flowering perennial border plants. It forms dense bushes, bearing a profusion of delicate tubular flowers in July and August. 3 to 4 feet.

	Pkt.
Virginica. Pink.....Large pkt. 25 cts.	$0 10

PHYSALIS · Chinese Lantern Plant

Francheti. An ornamental perennial plant, forming dense bushes about 2 feet high, producing freely its bright orange-scarlet lantern-like fruits, which can be cut and dried for winter bouquets; highly interesting.....Large pkt. 25 cts.	10

POLEMONIUM · Jacob's Ladder

A handsome perennial border plant, with feathery, fern-like foliage and clusters of bell-shaped flowers.

	Pkt.
Cæruleum. Beautiful sky-blue flowers with golden anthers from April to July. 2 feet.....Large pkt. 25 cts.	$0 10
Richardsoni. Large sky-blue flowers, with yellow eye, from May to September. 18 inches.....Large pkt. 25 cts.	10

PORTULACA

This charming little hardy annual is unrivaled for brilliancy among plants of low growth, and, although it flourishes under almost all conditions, hot sun and a light, sandy soil suit it best. Nothing is prettier for beds, edgings, rockwork, etc. As an undergrowth for taller plants it is also valuable. Through the driest, hottest seasons it flourishes amazingly, carpeting the ground with a mat of succulent foliage that, in the forenoon, is hidden by gayest of flowers. The seed does not germinate until hot weather, and should be sown late. This plant requires little care and can be transplanted in full flower. 6 inches.

	Pkt.	¼ oz.
Single Golden Yellow	$0 10	$0 35
Single Scarlet	10	35
Single White	10	35
Single Mixed. All colors.....Oz. 75 cts.	10	25
Double Choicest Mixed. Contains all the best double varieties.....¼ oz. 75 cts.; oz. $2.75	15	Lg. pkt. $0 40

PRIMULA SINENSIS · Chinese Primrose

One of our finest free-flowering winter house plants. Our strains may be relied on as being of the finest procurable.

	Pkt.
Alba magnifica. Pure white, with yellow eye. One of the finest	$0 50
Chiswick Red. Rich deep rose	50
Holborne Blue. A beautiful shade	50
Orange King. Orange-salmon, shaded with terra-cotta	50
Excelsior Mixed. A magnificent strain of Giant Primula	50

PRIMULA STELLATA · Star Primrose

A distinct and valuable variety for pot-culture and table decoration.

	Pkt.
Giant White Star. Massive blooms	$0 50
Giant Pink Star. Beautiful shade of coral-pink	50
Giant Blue Star. Delicate porcelain-blue	50
Giant Mixed Star	50

PRIMULA OBCONICA

This improved strain of *Primula obconica* is vastly superior to the old type, the flowers being nearly twice as large, with many new and exquisite colors. The plants are of compact growth and bloom profusely during the winter months.

	Pkt.
Fasbender's Red. Flowers rich deep red, of enormous size	$0 50
Mohnstein's Red. Splendid; large; deep red	50
Mueller's Rose. Large, bright rose flowers	50
Gigantea, Apple-Blossom. Soft pink	35
Gigantea Kermesina. Rich crimson	35
Gigantea cærulea. Blue	35
Gigantea, Salmon Queen. Salmon-pink	50
Gigantea rosea. Pure rose color	35
Gigantea, White. Pure white	35
Gigantea, Mixed. All colors	25

VARIOUS PRIMULAS

Kewensis. The flowers are a bright yellow in color, and fragrant	25
Malacoides. Light lilac; branching habit	25
Malacoides alba. Pure white	25
Malacoides, Courtland Seedling. Bright lilac-pink. Very effective	25
Malacoides, Dawkin's Carmine-Pink. A rich, deep glowing carmine-pink. No other variety has the same freedom of flower and perfect habit	50
Malacoides, Pink Beauty. A new and very remarkable variety, with large flowers of a beautiful rosy pink, almost shading to mauve	25
Malacoides superba. New improved variety; deep rosy pink.	25

HARDY PRIMULAS

These are among the best of the early spring-blooming plants. With slight protection they will stand the winter, but will do better if protected by a coldframe.

Auricula. A well-known variety of great beauty. Brilliantly colored flowers in umbels. Choice mixed from prize flowers. 6 inches ..... Large pkt. 75 cts... Pkt. $0 25

Bulleesiana Hybrida. Very showy; yellow, orange, apricot and red shades. 1½ feet ..... Large pkt. 75 cts... 25

Cashmiriana. Very early flowering with dense heads of deep lilac flowers. 1 foot ..... Large pkt. $1 .. 50

Denticulata. Large, globular heads of deep rosy lilac flowers. 1 foot ..... Large pkt. $1 .. 35

Florindæ. A stately variety that blooms during July and August, bearing 60 to 80 fragrant, bright yellow, pendent flowers. 4 feet ..... Large pkt. $1 .. 35

Japonica, Mixed. One of the finest Primroses for the garden, producing several whorls of large flowers, on erect stems, varying from white to crimson. 1½ feet ..... Large pkt. 40 cts... 15

Polyanthus (*P. elatior*). The colors range from white to deep maroon, the yellow, rose, and crimson shades being particularly fine. 1 foot .... Large pkt. 50 cts... 20

Polyanthus, Giant Yellow. Immense heads of yellow blooms. Desirable for winter flowering in the conservatory. 15 inches ..... Large pkt. 75 cts... 25

Polyanthus, Munstead Strain. Magnificent strain with flowers in many shades of cream and yellow, as well as white. 1 foot. .... Large pkt. 75 cts... 25

Pulverulenta. Rich ruby-crimson, similar to *P. japonica*. Very effective. 2 feet ..... Large pkt. 75 cts... 25

Sikkimensis (The Himalayan Cowslip). Sweet-scented, drooping, pale yellow flowers produced in clusters ..... Large pkt. 75 cts... 25

Vulgaris (English Primrose). Flowers fragrant, canary-yellow color. 4 inches .. Large pkt. 40 cts... 15

Vulgaris, True Blue. Rich, velvety blue. Same habit as the yellow 75

Pyrethrum hybridum grandiflorum

PYRETHRUM

Hardy perennials, bearing single and double aster-like flowers on long stalks; excellent for cutting. 2 feet.

	Pkt.	Large pkt.
Hybridum roseum, Rose. Bright rose	$0 15	$0 40
Hybridum grandiflorum. Large-flowering single mixed ..... ¼oz. 75 cts...	15	40
Hybridum fl.-pl. Finest double hybrids. Seed saved from the finest collection	25	75
Aureum (Golden Feather). Dwarf bedding plant, with yellow, fern-like leaves, useful for edging beds and borders ..... ¼oz. 25 cts...	10	

RUDBECKIA

Bicolor superba (Coneflower). Fine free-flowering annual, growing about 2 feet high, forming a dense bush and producing an abundance of bright yellow flowers with brown central discs; fine for cutting. Pkt. 10 cts.; ¼oz. 25 cts.

Kelvedon Star. See Novelties and Specialties, page 10.

Salvia farinacea

RICINUS · Castor-Oil Bean

Picturesquely showy and imposing, the Ricinus gives to the garden magnificent semi-tropical effects. Grown as a specimen it makes a perfect pyramid of gigantic leaves.

	Pkt.	Oz.
Bourboniensis arboreus. Large and handsome green foliage. 10 to 15 feet	$0 10	$0 25
Cambogensis. Large, bronzy red-maroon leaves; stalks are nearly black. 5 feet	10	25
Gibsoni. Dark purplish red foliage. 5 feet	10	25
Red Spire. Bronzy green; red ribs and veins	10	35
Sanguineus. Red stalks, scarlet fruit. 8 feet	10	25
Zanzibarensis, Mixed. Very tall, stately plants with leaves of enormous size, varying in color from light green to purplish red. 12 to 14 feet	10	25
Mixed. All sorts	10	20

SALVIA · Scarlet Sage

Salvias make a striking display, with their long, brilliant flower-spikes. They bloom continuously from early summer until frost. Sow seed as early as possible, in shallow boxes or pots in the greenhouse or coldframe. When plants are large enough, transplant singly into small pots, and set out when all danger of frost is past. May also be sown in the open ground in May.

	Pkt.	¼oz.
America. Of dwarf, bushy, compact growth. Uniform in height and shape. A free and continuous bloomer with large spikes of brilliant scarlet .... ⅛oz. $1 ..	$0 25	$1 50
Bonfire. Compact bushy plants, 2 feet high, producing innumerable erect spikes of brilliant scarlet flowers ..... Large pkt. 40 cts...	15	75
Splendens. Tall-growing with bright scarlet flowers. 3 feet. . Large pkt. 25 cts...	10	60
Zurich. One of the earliest flowering; of dwarf, bushy growth and produces an abundance of bright scarlet flowers from early July until frost. 1½ feet ..... ⅛oz. $1 ..	25	1 50
Patens (Blue Sage). Deep rich blue flowers of velvety texture. Large pkt. 40 cts...	15	
Azurea grandiflora. Plants perennial, 2 to 3 feet high, that produce, during August and September, tall flower-spikes of beautiful light blue. .... Large pkt. 40 cts...	15	
Farinacea. A perennial variety, but best grown as an annual. Seed sown in the open ground in May blooms from July to frost. The light blue flowers are borne on long spikes, held above the foliage. 2 feet ..... ⅛oz. 40 cts...	10	75
Farinacea, Blue Bedder. A more compact form with deeper blue flowers ..... Large pkt. 75 cts...	25	

SALPIGLOSSIS · Painted Tongue

These showy, half-hardy annuals bear beautiful, funnel-shaped flowers having dark veins on a ground which varies from white to crimson, yellow, orange, etc. They are easily grown, require a light, rich, sandy loam and will respond to liberal treatment. Bloom from late summer until frost. 2 feet.

Chamois · **Crimson** · **Light Blue and Gold** · **Primrose** · **Purple** · **Purple and Gold** · **Rose and Gold** · **Scarlet and Gold** · **Violet** · **White and Gold**

Each, pkt. 10 cts.; large pkt. 25 cts.

COLLECTION: One pkt. each of the above 10 varieties, 85 cts.

Finest Mixed. Pkt. 10 cts.; large pkt. 25 cts.; ¼oz. 40 cts.

Sanvitalia procumbens fl.-pl.

SAINTPAULIA

Ionantha (African Violet). A free- and long-flowering pot-plant. Plants are dwarf, with leaves like a gloxinia and beautiful blue flowers with golden anthers, resembling those of a large, single, sweet-scented violet. Pkt. $0 50

SANVITALIA • Creeping Zinnia

Procumbens fl.-pl. Beautiful dwarf-growing, hardy annual for beds or borders; bright yellow, double flowers; blooms all summer. 6 inches. Large pkt. 25 cts. 10

SAPONARIA

Vaccaria multiflora rosea. The graceful sprays of rose-pink flowers are produced in great profusion and are fine for vase decoration. Hardy annual. 2 feet. Large pkt. 25 cts. 10

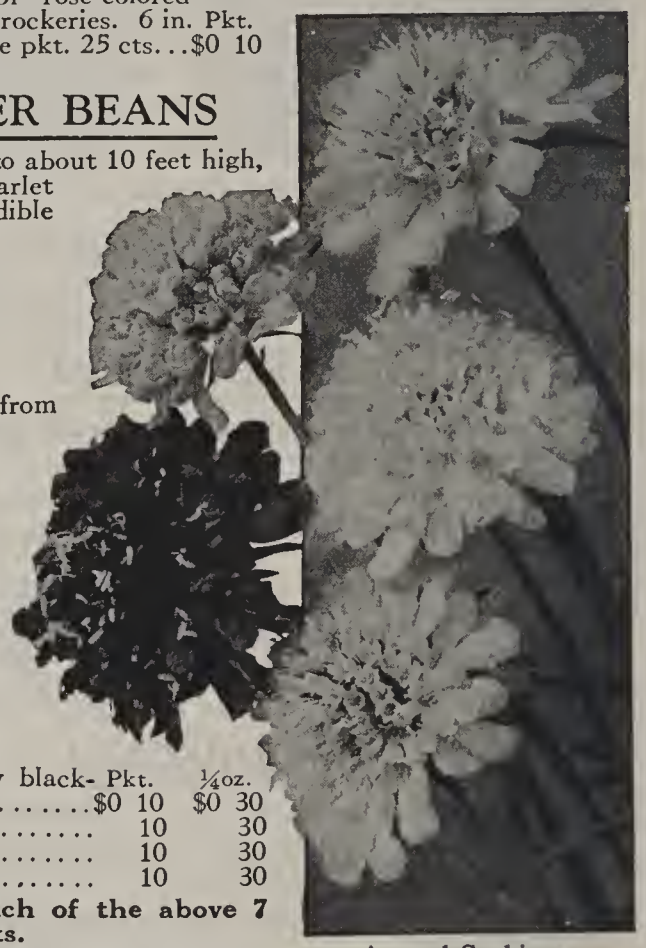
Ocymoides. A showy, dwarf, trailing, hardy perennial plant, producing sheets of rose-colored flowers. Grand for rockeries. 6 in. Pkt. Large pkt. 25 cts. $0 10

SAXIFRAGA

Cordifolia splendens. Forms masses of handsome, broad, deep green foliage with bright rose-pink flowers. Useful hardy perennial for the rock-garden. 1 foot. Pkt. Large pkt. 75 cts. $0 25

SCARLET RUNNER BEANS

An ornamental climber, growing to about 10 feet high, bearing large sprays of bright scarlet flowers, followed in the fall by edible beans. Pkt. 10 cts.; ½lb. 25 cts.



Annual Scabiosa

SCABIOSA

Shown in color on page 35

Mourning Bride; Pin-Cushion Flower; Sweet Scabious

One of our finest annuals for cutting, and very showy in the garden. Easily raised from seed; blooms continuously from early summer until frost in a wide range of rich and beautiful colors. The varieties we offer are greatly improved in size and color of the flowers. Sow in the coldframe or greenhouse, and transplant in May, or seed may be sown in the open ground the latter part of April. 3 feet.

Annual Varieties, Improved Large-flowering

	Pkt.	¼oz
Azure Fairy. Lavender-blue	$0 10	$0 30
Crimson. Rich rosy crimson	10	30
Flesh-Pink. A delicate pink variety	10	30
King of the Blacks. Velvety black-purple	$0 10	$0 30
Rose. Soft rose-color	10	30
Yellow. Sulphur-yellow	10	30
White. Pure white	10	30

COLLECTION: One pkt. each of the above 7 colors, 60 cts.

Mixed. Pkt. 10 cts.; ¼oz. 30 cts.; oz. 75 cts.

New Giant Varieties. See Novelties and Specialties, page 10.

Statice sinuata

Perennial Varieties

Caucasica. Large pale blue flowers on long stems; valuable for cutting. 3 feet. Pkt. 15 cts.; large pkt. 40 cts.

Caucasica Giant Hybrids. Colors range from light lavender to dark blue. Pkt. 25 cts.; large pkt. 75 cts.

Japonica. Beautiful lavender-blue flowers. 2½ feet. Pkt. 10 cts.; large pkt. 25 cts.

SCABIOSA COLUMBARIA

Handsome flowers 2 to 2½ inches across, borne on long, slender but strong stems. A welcome addition to the perennial Scabiosas.

	Pkt.	Large pkt.
Delicate Pink	$0 20	$0 50
Delicate Lavender	20	50

STATICE • Sea Lavender

The Sea Lavenders have become extremely popular, especially for cutting for house decoration. The cloud-like masses of flowers of the branching varieties make borders gay for a long time, while their delicate coloring and light graceful habit are a great help to helichrysums and other everlasting flowers.

	Pkt.	Large pkt.
Sinuata, Yellow (Bonduelli). Golden yellow	$0 10	$0 25
Sinuata, Blue	10	25
Sinuata, Rosea superba. Bright rose	10	25
Sinuata, White	10	25
Sinuata, New Hybrids. Includes all the colors and shades	10	25
Suworowi. Handsome spikes of bright rose blooms. Particularly desirable for pot-culture or cutting for table decoration. 18 inches.	10	25
Latifolia. Hardy perennial with large branching heads of clear mauve flowers. Invaluable for the perennial border as well as for drying for winter decoration. Height, 2 feet	10	25
Perennial Mixed	10	25

STOCKS · Gilliflower

One of the most popular annuals, for either bedding or pot-culture. Sow in spring, either in boxes or in open ground, and when transplanting to where they are intended to flower, care should be taken not to discard the smaller seedlings, which usually produce the best double flowers, the large coarse plants being often all singles.

Cut-and-Come-Again 10-Weeks' Stocks

This type is especially recommended for cutting. The plants branch freely, and send up numerous long spikes of fragrant double flowers in continuous succession. 1½ feet.

	Pkt.	Large pkt.
Brilliant. Blood-red	$0 15	$0 40
Creole. Canary-yellow	15	40
La France. Rose	15	40
May Queen. Pale blue	15	40
Princess Alice. White	$0 15	$0 40
Sapphire. Violet	15	40
Victoria. Silvery lilac	15	40
Finest Mixed. All colors	15	40

Large-Flowering 10-Weeks' Stocks

This class is a favorite for outdoor bedding. 1 foot.

	Pkt.	Large pkt.
Bright Pink	$0 10	$0 25
Blood-Red	10	25
Light Blue	10	25
Purple	$0 10	$0 25
Pure White	10	25
Canary-Yellow	10	25
Finest Mixed. All colors	10	25

Mammoth-Flowering Beauty Stocks

Particularly adapted for the greenhouse, to provide cut-flowers during the winter.

Abundance. Carmine-rose.
Beauty of Nice. Delicate flesh-pink.
Bright Violet. Violet-blue.
Crimson King. Brilliant crimson.
Empress Elizabeth. Bright carmine.
Monte Carlo. Canary-yellow.
Queen Alexandra. Soft rosy lilac.
Deep Lilac.
White Lady. Snow-white; very double.

Each, pkt. 20 cts.; large pkt. 50 cts.

Early Giant Imperial Stocks

IMPROVED BISMARCK

A valuable group of early-flowering Winter Stocks of branching habit, 30 inches tall, and producing a high percentage of double flowers.

Antique Copper. Rich hellebore-red.
Apple Blossom. Blush-pink.
Buttercup. Deep yellow. Pkt. 25 cts.; large pkt. 75 cts.
Fiery Blood-Red.
Lavender.
Old-Rose.
Elk's Pride. Royal purple.
Shasta. Pure white. Pkt. 25 cts.; large pkt. 75 cts.
Choice Mixed.

Each, except where noted, pkt. 20 cts.; large pkt. 50 cts.

New Giant Double Excelsior Stocks

IMPROVED COLUMN TYPE

These produce one enormous spike of large flowers and are especially adapted to greenhouse culture, as they can be planted close.

Chamois-Pink.
Light Blue.
Purple.
Deep Rose.
Silvery Lilac. Bright lavender.
Ruby. Dark ruby-red.
Ball's White.
Choice Mixed.

Each, pkt. 25 cts.; large pkt. 75 cts.

SWEET WILLIAM (*Dianthus barbatus*)

A well-known, free-flowering hardy perennial, bearing heads of fragrant, richly colored flowers.

Alpine. See Novelties and Specialties, page 11
Pink Beauty (Newport Pink). A beautiful shade of salmon-pink; very large heads on long stems. Large pkt. 40 cts. Pkt. $0 15
Scarlet Beauty. Large heads of intense scarlet. Large pkt. 40 cts. 15
Holborn Glory. Giant-flowering varieties in finest assortment of colors. ¼oz. 25 cts. 10
Single Velvety Maroon. ¼oz. 25 cts. 10
Single White. ¼oz. 25 cts. 10
Single Mixed. ¼oz. 20 cts. 10
Double Mixed. Special strain. ¼oz. 35 cts. 15

SWEET WIVELSFIELD

This remarkable hybrid is quite distinct in method of flowering and habit of growth from the annual Sweet William. Few plants can compare with Sweet Wivelsfield for wealth of color and long season of bloom. Pkt. 15 cts.; large pkt. 40 cts.

SMILAX

A popular greenhouse climber with small, dark green foliage of great value for floral decoration. 8 to 10 feet. Pkt. 10 cts.; ¼oz. 25 cts.

STREPTOCARPUS

Giant Hybrids, Mixed. Charming greenhouse perennial of dwarf, neat habit, with clusters of trumpet-shaped flowers. Pkt. 50 cts.

Stocks, Cut-and-Come-Again

SCHIZANTHUS · Butterfly Flower

Very beautiful and showy hardy annuals, fine for beds and borders in the summer garden. Grown in pots in early spring in the greenhouse, they become elegant foliage plants, with masses of flowers. 1½ to 2 feet.

	Pkt.	Large pkt.
Wisetonensis. The colors range from soft pink to dark brown	$0 20	$0 50
Wisetonensis, Excelsior. A much larger flowering strain of Wisetonensis	25	75
Dr. Badger's Hybrids. Very large flowers, giving a wide range of colors	25	75
Garraway's Hybrids. A magnificent strain for greenhouse and conservatory decoration, embracing a wide range of beautiful colors	25	75
Mixed. The compact pyramidal plants grow 1½ feet high and produce bright, showy blooms in a great range of colors	10	25

SOLANUM

The Solanums are very ornamental, fruit-bearing plants, and thrive best in light rich soil. Fine for winter decoration in the house or conservatory, and especially desirable for the Christmas season. If used in the summer garden, give a very warm situation. 1 foot.

Capsicastrum (Jerusalem Cherry). Scarlet; fine for pots. Pkt. 10 cts.; large pkt. 25 cts.
Cleveland Cherry. A grand acquisition to this class of plants; grows more compact than the above and produces the scarlet berries in greater profusion. Pkt. 20 cts.; large pkt. 50 cts.

STEVIA

Serrata. Free-blooming plants for summer or winter use, bearing a profusion of fragrant white flowers that are excellent for cutting. 2 feet. Pkt. 15 cts.; large pkt. 40 cts.

SIDALCEA

Stark's Hybrids. A valuable perennial of splendid habit, blooming from June to September. Its mallow-like flowers, ranging in color from blush-pink to deepest crimson, are borne on erect, long stems from the base of the plant. 2 to 3 feet. Pkt. 20 cts.; large pkt. 50c.

STOKESIA · Cornflower Aster

This popular hardy perennial bears, all summer, large, attractive flowers resembling semi-double asters; fine for cut-flowers. 2 feet.
Cyanea. Lavender-blue. Pkt. 15 cts.; large pkt. 40 cts.

SPENCER OR ORCHID-FLOWERED SWEET PEAS

In exquisite form and range of beautiful colors there are no other flowers to compare with Sweet Peas. New, more beautiful varieties are being constantly introduced. We offer the cream of the Spencer sorts that have been tested and found to be of true merit and distinct color; every color and shade is represented in the list below.

Make a trench 6 inches deep; in this sow the seed and cover 2 inches. As vines grow, gradually fill trench with soil, and thin to 4 inches apart. For early flowers sow in beginning of November in a dry situation, 6 or 8 inches deep, giving level culture. Make spring sowings just as soon as ground can be prepared. Sweet Peas should not be grown in same soil year after year.

	Pkt.	Oz.	¼lb.
Amethyst. Bright, clear amethyst-blue. A vigorous grower with exceptionally large, waved flowers freely produced on long, sturdy stems	$0 10	$0 30	$0 85
Ascot. Clear shell-pink, intensely frilled. Good exhibition variety	10	30	85
Avalanche. Immense, pure white, frilled blooms on stout stems of great length. Fine for exhibition. (Black seed.)	10	30	85
Beatall. Brilliant, lustrous pink with a salmon sheen. Beautiful, large, frilled standard with nicely placed wings. Makes elegant 4-flowered sprays	10	30	85
Bon Bon. Rich pink, shaded amber; very large flowers, well placed on long stems	10	30	85
Charming. The color is a bright, glowing cerise with a rich salmon sheen	10	30	85
Constance Hinton. The white flowers are of largest size, and best Spencer form. (Black seed.)	10	30	85
Corona. Rich carmine-rose; pure white base; nicely waved	$0 10	$0 30	$0 85
Damask Rose. Satiny shade of deep rose; large, well-frilled flowers, freely produced on long stems	10	30	85
Fortune. An excellent new variety with dark blue wings and rich violet-blue standard. One of the best dark blues	10	30	85
Gleneagles. This is considered a particularly fine light blue variety	10	30	85
Hero. A brilliant clear cerise. In sunshine or artificial light it appears to be suffused richly with salmon. The flowers are large, nicely waved, and well placed on strong stems	10	30	85
Huntsman. A bright shade of scarlet—really a wonderful bit of color. Perfectly sun-proof and of largest size. An outstanding English novelty	10	30	85
Leviathan. Rich maroon flowers of fine form on long stems	10	30	85
Mary Pickford. A very large flower. The color is a dainty and appealing cream-pink with a soft suffusion of salmon. Blooms very profusely	10	30	85
Olympia. Lovely, large blooms of a gloriously rich and bright purple color. It is a comparatively new variety of strong habit	10	30	85
Pinkie. A deep rose-pink of vigorous growth. The flowers are nicely waved and well placed on very long, stout stems. An extraordinarily fine Sweet Pea. The best of the deep pinks	10	30	85
Pirate Gold. Golden orange—a charming and delightful color which instantly appeals	10	30	85
Powerscourt. A pure lavender self with flowers of mammoth size, yet refined and well placed on long stems. Of vigorous and free-flowering habit, always carrying four flowers on a stem	10	30	85
Rosabelle. Large, light rose flowers, beautifully waved, on long, strong stems.	10	30	85
Sunkist. Large, cream-colored flower with picotee edge of rose	10	30	85
Susan. Bright cream-pink; large waved flowers produced freely on long stems	10	30	85
Sybil Henshaw. Fine, large flowers of deep, rich crimson with a brilliant sheen.	10	30	85
Welcome. The most brilliant and dazzling pure scarlet Sweet Pea. Color uniform and almost sun-proof. Extra-large flowers on long stems	10	30	85
What Joy. A new cream variety of a rich deep primrose-yellow shade	10	30	85

Spencer or Orchid-flowered Sweet Peas

INOCULATE THIS SEED WITH **STIMUGERM**

SUPERB MIXTURE OF SPENCER SWEET PEAS

A superb blend of the better sorts. It will produce a lavish display of the largest and most attractive flowers in almost endless variety. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts.; lb. $2.

For Early-Flowering Spencer Sweet Peas, see page 49

DWARF CUPID SWEET PEAS

Compact plants growing 6 inches high and 12 to 15 inches in diameter, that from June until late summer are literally a sheet of bloom.

Finest Mixed. All colors. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts.; lb. $2.

EARLY-FLOWERING SPENCER SWEET PEAS

Winter-flowering Spencers are now grown almost exclusively for winter bloom. They are equally desirable for outdoor planting, as they come into bloom two to three weeks ahead of the standard Spencer varieties, and, if kept cut, will continue to bloom nearly as long.

	Pkt.	½oz.	Oz.
Amethyst. Royal purple	$0 15	$0 40	$0 75
Annie Laurie. The richest pure rose-pink	15	40	75
Aviator. Dazzling crimson-scarlet	15	40	75
Ball's Rose Improved. The finest deep rose-pink	15	40	75
Blue Bonnet. Extra-large; clear deep blue	15	40	75
Burpee's Orange. Deep orange	15	40	75
Columbia. Best pink and white bicolor	15	40	75
Fragrance. Delightfully fragrant, clear lavender self; flowers extra large on long stems	15	40	75
Giant Rose. An excellent rich deep rose-pink.	15	40	75
Harmony. A very beautiful clear lavender	15	40	75
Hope. Mammoth pure white. (Black seed.)	15	40	75
Lady Gay. Soft shrimp-pink	15	40	75
Mrs. Herbert Hoover. Rich, clear blue	15	40	75
Mrs. Kerr. A fine shade of salmon	15	40	75
Rose Queen. A beautiful shade of rose-pink	15	40	75
Shirley Temple. *New.* Beautiful soft rose-pink flowers, daintily frilled and fluted. Enormous flowers on long stems	25	1 50	
Valencia. Sunproof orange. Robust growth	15	40	75
Vulcan. Dazzling scarlet-cerise—rich color	15	40	75
White Harmony. Large, pure white flower of well-rounded form and exquisitely waved and frilled, with four flowers on a stem	15	40	75
Zvolanek's Rose. Bright rose-pink	15	40	75
Mixed	15	40	75

SUNFLOWER · Helianthus

All the varieties we list are useful for cutting, especially the miniature sorts, which bear their flowers on slender stems and form neat bushes 3 to 4 feet in height.

	Pkt.
Cucumerifolius, Stella. Single; bright yellow with black center. ¼oz. 25 cts.	$0 10
Cucumerifolius, Orion. Cactus-flowered; golden yellow, with pointed petals finely twisted and curled. ¼oz. 30 cts.	10
Double Chrysanthemum-flowered. Rich golden yellow flowers, perfectly double, resembling a chrysanthemum. 6 feet. ¼oz. 20 cts.	10
Red Sunflower. Dark-centered, brilliant flowers, banded with bright chestnut-red, merging to yellow at the tips of the petals. 6 feet. ¼oz. 25 cts.	10
Double Californian (*H. californicus fl.-pl.*). Large, deep yellow flowers of perfect form. 6 feet. Oz. 30 cts.	10
Globosus fistulosus (Globe- or Dahlia-flowered). Rich saffron color; flowers large and double. 6 feet. Oz. 30 cts.	10

Hardy Perennial Sunflower

Mixed. A mixture of the finest single-flowering hardy perennial sorts. Seed sown early will produce flowering plants the first year. Pkt. 15 cts.; large pkt. 40 cts.

SWEET ROCKET · Hesperis

A desirable hardy perennial plant; excellent for naturalizing among shrubbery or for planting in a permanent border.

Mixed. Fragrant white and purple flowers. 2 to 3 feet. Pkt. 10 cts.; ¼oz. 20 cts.; oz. 60 cts.

TAGETES

Signata pumila. A pretty little Marigold, forming a compact, round bush, with slender fern-like foliage and densely covered with single flowers of bright yellow, striped brown. A first-class border plant. 9 inches. Pkt. 10c.; ¼oz. 50c.

Tagetes, Golden Gem

Signata pumila, Golden Gem. This is a much-improved dwarf, compact variety. Flowers very freely produced well above the foliage. 9 inches. Pkt. 15 cts.; ¼oz. 60 cts.

Signata pumila, Little Giant. *New.* Abundance of single golden orange flowers on very dwarf, compact plants 4 to 6 inches high. Pkt. 20 cts.; large pkt. 50 cts.

Trollius europæus

THALICTRUM · Meadow Rue

A hardy perennial of easy cultivation. Its foliage is very finely divided, like that of the maidenhair fern or columbine, and is useful in making bouquets. The flowers are borne in feathery clusters.

	Pkt.	Large pkt.
Dipterocarpum. Graceful plumes of rosy purple flowers with conspicuous yellow anthers. 4 to 5 feet. August, September	$0 15	$0 40
Adiantifolium. Finely cut, maidenhair-fern-like foliage with light plumes of small white flowers. 1 foot. June, July	15	40

THERMOPSIS

Caroliniana. A tall-growing, showy hardy perennial producing, during June and July, elegant long spikes set with lovely lupine-like yellow blooms. Fine for cutting. 3 feet. Pkt. 25 cts.; large pkt. 75 cts.

THUNBERGIA · Black-eyed Susan

Beautiful, rapid-growing, annual climbers, used extensively in hanging-baskets, vases, etc. Very pretty flowers in buff, white and orange, with dark eyes. 4 feet.

Mixed. All colors. Pkt. 10 cts.; large pkt. 25 cts.

TITHONIA · Mexican Sunflower

Speciosa. Tall-growing plant, usually grown as an annual. Very desirable as a background to borders. Flowers are similar to single dahlias and are a striking orange-red color. Sow seed in spring when soil is warm. Pkt. 15 cts.; large pkt. 40 cts.

Early-flowering Strain. Ten days earlier, dwarfer, and with slightly smaller flowers than Speciosa. Pkt. 20 cts.; large pkt. 50 cts.

TORENIA

A beautiful free-flowering tender annual, splendid for vases, hanging-baskets, borders, etc. If started in heat in February or March, they commence to bloom in June and continue until frost. 10 inches.

	Pkt.	Large pkt.
Fournieri. Sky-blue, with three spots of dark blue and a bright yellow throat	$0 10	$0 25

TROLLIUS · Globe Flower

These desirable, free-flowering, hardy perennials produce their giant, buttercup-like blossoms on stems 1 to 2 feet high from May until August. They succeed admirably in the border in a half-shady position in well-drained, preferably light soil.

	Pkt.	Large pkt.
Europæus. A large-flowering variety with bright yellow flowers	$0 25	$0 75
Ledebouri, Golden Queen. Rich golden yellow flowers with orange centers. Free and long blooming. 3 feet	25	75
Orange Globe. Large, deep orange flowers. Very fine	25	75

Giant Verbena

TRITOMA

Red-Hot Poker; Flame Flower; Torch Lily

Hybrida. A valuable half-hardy perennial border plant, easily raised from seed and flowers the same year. If sown in heat in January or February, the plants will commence to throw up their attractive scarlet and yellow flower-spikes in July or August. Most useful for the herbaceous border and for cutting. 3 feet. Pkt. 15 cts.; large pkt. 40 cts.

VALERIANA

Garden Heliotrope

Showy, hardy border plants with large heads of white and red flowers on 3-foot stems, emitting a delicate heliotrope odor.

	Pkt.
Mixed.....¼oz. 25 cts.	$0 10

VERONICA

Speedwell

Splendid, hardy plants which bear unusually long spikes of small, showy flowers.

	Pkt.	Large pkt.
Longifolia. Deep blue. August and September	$0 10	$0 25
Spicata. Bright blue. July	15	40
Repens. Light blue. 6 inches	25	75

VERBASCUM

	Pkt.
Phœniceum. One of the prettiest species for the herbaceous border. The flowers are carried on slender stems, about 2 feet high, and include white, pink, blue, mauve, and purple. This variety is excellent for growing in pots in the greenhouse, and if sown in June or July will bloom in early spring. A charming hardy perennial.....Large pkt. 40 cts.	$0 15

VIOLAS · Tufted Pansies

These have smaller flowers than the regular pansies, but bear them so profusely that they are preferred for bedding effects where color only is wanted. 6 inches.

	Pkt.
Admiration. Rich, dark blue.....Large pkt. 40 cts.	$0 15
Apricot. Apricot-yellow, tinged orange....Large pkt. 75 cts.	25
Arkwright Ruby. See Novelties and Specialties, page 11	
Blue Perfection. Mauve, yellow eye....Large pkt. 40 cts.	15
Jersey Gem. See Novelties and Specialties, page 11	
Lutea splendens. Golden yellow.....Large pkt. 40 cts.	15
Lavender Gem. See Novelties and Specialties, page 11	
Mauve Queen. Delicate lavender-blue...Large pkt. 40 cts.	15
Purple Queen. Deep purplish blue.....Large pkt. 40 cts.	15
Scotch Strains. Choicest hybrids, mixed.....Large pkt. $1	50
Tricolor (Johnny-jump-up).....Large pkt. 40 cts.	15
White Perfection. Pure white .....Large pkt. 40 cts.	15
Yellow Queen. See Novelties and Specialties, page 11	
Choice Mixed.....Large pkt. 40 cts.	15

VIOLET

	Pkt.
Odorata. Pretty, free-blooming hardy Violets with large, fragrant flowers.....Large pkt. 25 cts.	$0 10

GIANT-FLOWERED VERBENAS

A magnificent new strain of robust, compact habit and free blooming. Immense trusses; individual florets measure an inch in diameter. Best results are obtained by sowing the seed early in the house or hotbed. Outdoor sowings may be made in May. Annual.

	Pkt.	Large pkt.
Blue, White Eye	$0 15	$0 40
Coccinea. Scarlet, small eye	15	40
Ellen Willmott. Very large salmon-rose flowers with white eyes	15	40
Lucifer. Vivid scarlet self	15	40
Luminosa. Luminous flame-pink, shading to salmon	15	40
Pure White	15	40
Rosea Stellata. Rose-pink, white eye	15	40
Salmon-Pink. Pure, even tone of salmon-pink	15	40
Violacea Stellata. Deep violet, white eye	15	40
Mixed	15	40

COLLECTION: One pkt. each of above 9 colors, $1.20

New Giant-flowered Varieties. See Novelties and Specialties, page 11.

MAMMOTH VERBENAS

Our choice strain of Mammoth Verbenas, one of the most effective bedding plants, is unsurpassed for its brilliant colors and immense flowers.

	Pkt.	Large pkt.	¼oz.
Pink	$0 10	$0 25	$0 60
Purple	10	25	60
Scarlet	10	25	60
Striped	10	25	60
White	$0 10	$0 25	$0 60
Yellow	10	25	60
Blue	10	25	60
Mixed	10	25	50

COLLECTION: One pkt. each of above 7 colors, 60 cts.

Upright Verbena

	Pkt.	Large pkt.
Royal Bouquet. Plant 15 to 18 inches high; upright grower. Large flowers in beautiful mixture	$0 15	$0 40
Dwarf Compact Fireball. Excellent for beds and borders. About 6 inches high, literally covered with bright scarlet flowers	15	40

Various Verbenas

	Pkt.
Citriodora (Lemon-scented Verbena). An old favorite with fragrant evergreen leaves. 3 feet.....Large pkt. 40 cts.	$0 15
Erinoides (Moss Verbena). Elegant little spreading bushes with finely cut foliage and pretty heads of purplish rose bloom, changing to Oxford blue.....Large pkt. 25 cts.	10
Erinoides alba. White flower-heads.....Large pkt. 25 cts.	10
Venosa. Largely used for bedding purposes; strong, thrifty growers covered with bright purplish heliotrope flowers. 1 foot.....Large pkt. 25 cts.	10
Venosa lilacina. *New.* Delicate lavender-blue. 1 foot.....Large pkt. 75 cts.	25

VINCA

Madagascar Periwinkle

Ornamental free-blooming plants, with dark laurel-like foliage and handsome pink and white flowers. Seed should be sown early and the plants will bloom the first summer. They can be taken up in the fall, potted, and kept in bloom through the winter. Seed germinates slowly. 1½ feet.

	Pkt.	¼oz.
Rosea. Rose, dark eye	$0 10	$0 50
Alba. White, crimson eye	10	50
Alba pura. Pure white	10	50
Mixed	10	40

WALLFLOWER

Well-known, deliciously fragrant, half-hardy perennials, blooming early in the spring, with spikes of beautiful flowers. They should be protected in a coldframe in the winter and planted out in April.

	Pkt.
Early Paris Market, Mixed. This variety, if sown in March, will bloom in July.....¼oz. 25 cts.	$0 10
Bronze King. Reddish bronze, very early, suitable only for growing indoors for winter blooming....Large pkt. 40 cts.	15
Single Mixed. All colors.....¼oz. 25 cts.	10
Double Finest Mixed.....Large pkt. 40 cts.	15
Early Double Annual. If sown early in spring, will be in full bloom by June 1. Yellow and dark brown flowers of great beauty and wonderful scent on superb, strong spikes. We consider this valuable for pot-culture....Large pkt. 40 cts.	15

SINGLE IMPORTED COLLECTION. Six colors, 60 cts.

XERANTHEMUM

	Pkt.
Double Mixed. Beautiful Everlasting Flowers, easy to grow. The flowers, of bright rose, purple, or white, are borne on long, slender stems. Pkt. 10 cts.; ¼oz. 30 cts.	

Double Giant-flowered Zinnia

WATERER'S SUPERB DOUBLE GIANT-FLOWERED ZINNIAS

Youth and Old Age

The Double Giants grow to a height of 3 feet and bear enormous double flowers which often attain a diameter of 4½ to 5 inches. Although tall and erect in growth, they are sturdy and well rooted and require no support. From seed sown in early spring they commence to bloom in July and continue until October.

	Pkt.	¼oz.		Pkt.	¼oz.
Giant Scarlet	$0 10	$0 40	**Giant Canary-Yellow**	$0 10	$0 40
Giant White	10	40	**Giant Deep Sal.-Rose**	10	40
Giant Crimson	10	40	**Giant Purple**	10	40
Giant Flesh-Pink	10	40	**Giant Bright Rose**	10	40
Giant Golden Yellow	10	40	**Giant Maroon**	10	40
Giant Orange	10	40	**Giant Violet**	10	40
			Giant Mixed Oz. $1	10	30

COLLECTION: One pkt. each of above 12 colors, $1

DOUBLE CALIFORNIA GIANTS. See Novelties and Specialties on page 11

DWARF DOUBLE ZINNIAS

A group with double, perfectly formed, medium-sized flowers having long stems, making them exceptionally fine for cut-flowers. This is a Cut-and-Come-Again type, and is especially fine for massing in the garden, producing a continuous succession of cut-flowers throughout the summer. 2 feet.

	Pkt.	¼oz.		Pkt.	¼oz.
Bright Scarlet	$0 10	$0 25	**Canary-Yellow**	$0 10	$0 25
White	10	25	**Golden Yellow**	10	25
Crimson	10	25	**Flesh-Pink**	10	25
Salmon-Rose	10	25	**Mixed** Oz. 65 cts	10	20

COLLECTION: One pkt. each of the above 7 colors, 60 cts.

DOUBLE DAHLIA-FLOWERED ZINNIAS

A new and valuable race of Giant Double Zinnias. The large, magnificent blooms greatly resemble the Decorative dahlia and average from 4 to 5 inches across. A valuable acquisition for cut-flowers as well as for garden decoration. 3 feet.

	Pkt.	¼oz.
Crimson Monarch. Deep crimson flowers	$0 15	$0 65
Dream. Deep lavender, turning to purple	15	65
Exquisite. Light rose, deep rose center	15	65
Golden Dawn. Beautiful golden yellow	15	65
Lemon Beauty. Lemon-yellow on brown	15	65
Old-Rose. Real old-rose shade	15	65
Oriole. Orange and gold	15	65
Polar Bear. Pure white	15	65
Purple Prince. A fine deep purple	15	65
Scarlet Flame. Beautiful bright scarlet	15	65
Mixed. All colors	Oz. $1.50	15	50

COLLECTION: One pkt. each of the above 10 colors, $1.25

VARIOUS ZINNIAS

	Pkt.	Large pkt.
Achievement. Tubular and cactus-like; rich shades	$0 15	$0 40
Fantasy. See Novelties and Specialties, page 9.		
Picotee. Soft shades, each petal distinctly tipped darker	15	40
Red Riding Hood. Miniature, double, intense scarlet flowers	10	25
Scabious-flowered, Mixed. Plants 2 to 2½ feet high, bearing numerous medium-sized flowers resembling the annual scabiosa. Colors include crimson, scarlet, orange, yellow, pink, and white.	25	75
Victory. Large, double, quilled flowers of unusual colors	15	40
Double Mexicana hybrida. Small, double flowers in a great variety of colors. Excellent for rock-garden. Pkt. 15 cts.; large pkt. 40 cts.		

Dwarf Lilliput Zinnias

Double Dahlia-flowered Zinnia

	Pkt.	Large pkt.
Curled and Crested. Large, double flowers; petals twisted and curled. Mixed colors	$0 10	$0 25

LILLIPUT ZINNIAS

The plants are compact and covered with small, densely double flowers on long stems. This type is adapted for beds or borders. Height 15 in.

	Pkt.	¼oz.		Pkt.	¼oz.
Crimson Gem	$0 10	$0 35	**Flesh-Pink**	$0 10	$0 35
Canary-Yellow	10	35	**Lilac Gem**	10	35
Golden Gem	10	35	**Rosebud.** Rose-pink	10	35
Salmon-Rose	10	35	**Valencia.** Burnt-orange	10	35
Scarlet Gem	10	35	**White Gem**	10	35
			Mixed Oz. $1	10	35

COLLECTION: One pkt. each of above 10 colors, 85 cts.

MIXED FLOWER SEEDS FOR THE WILD GARDEN

A most interesting way in which to grow annual flowers is to reserve a portion of your grounds for a Wild Flower Garden and sow mixed seed in it. For this purpose we offer a collection of easily grown annuals which will furnish a profusion of bloom throughout the season. Valuable for sowing in bare spots, along fences and on embankments. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 75 cts.; lb. $2.50.

Cut-flower Garden Mixture. A mixture of hardy annuals blended to give a continuous succession of cut-flowers all season. Pkt. 10 cts.; oz. 30 cts.; ¼lb. $1.

Garden Vegetables

All prices are subject to change without notice

Planting Calendar

FEBRUARY

(In hotbed)

Artichoke
Early Cabbage
Early Cauliflower
Celery
Eggplant
Leek
Onion
Parsley
Pepper
Radish
Tomato

MARCH

(In hotbed)

All seeds mentioned in February table and

Kohlrabi
Lettuce
Early Beets

APRIL

(In hotbed)

All seeds mentioned in February and March tables, also
Cucumber
Melon

(Plant outdoors)

Asparagus
Asparagus Roots
Beets
Early Cabbage
Carrot
Early Cauliflower
Celery
Cress
Kohlrabi
Lettuce
Mustard
Onion Seed
Onion Sets
Parsley
Parsnips
Peas
Potato
Radish
Rhubarb Roots
Spinach
Swiss Chard
Salsify
Turnip

Set out plants of

Early Cabbage
Early Lettuce
Early Cauliflower
Early Beets
Onion

MAY

(Plant outdoors)

Artichoke
Asparagus
Bush Beans
Lima Beans
Beets
Carrot
Cauliflower
Celery
Sweet Corn
Cucumber
Late Cabbage
Late Cauliflower
Endive
Kale
Kohlrabi
Leek
Lettuce
Melon
Onion
Parsley
Peas
Radish
Salsify
Spinach
Squash
Swiss Chard
Herbs
Okra
Pumpkin
Brussels Sprouts
Turnip

Set out plants of

Early Cabbage
Lettuce
Early Cauliflower
Eggplant
Peppers
Tomato

JUNE

(Plant outdoors)

Bush Beans
Lima Beans
Beets
Brussels Sprouts
Late Cabbage
Carrot
Late Cauliflower
Sweet Corn
Cucumber
Endive
Kale
Kohlrabi
Lettuce
Melon
Okra
Peas
Pumpkin
Radish
Salsify
Swiss Chard
Squash
Rutabaga

Set out plants of

Celery
Eggplant
Peppers
Tomato

JULY

(Plant outdoors)

Beets
Carrot
Chinese Cabbage
Sweet Corn
Corn Salad
Cress
Cucumber
Endive
Kohlrabi
Okra
Pumpkin
Radish
Squash
Turnip
Rutabaga

Set out plants of

Celery
Late Cabbage
Late Cauliflower
Endive
Brussels Sprouts

AUGUST

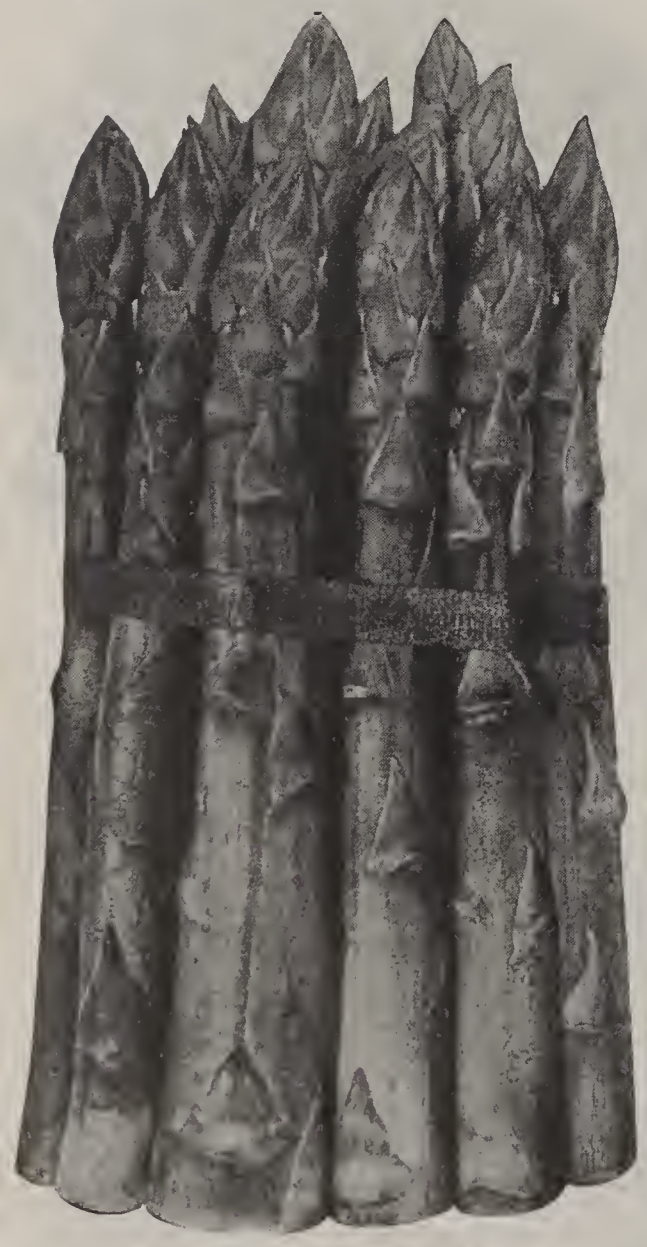
(Plant outdoors)

Bush Beans
Corn Salad
Cress
Endive
Kale
Lettuce
Early Peas
Radish
Spinach
Turnip

SEPTEMBER

(Plant outdoors)

Corn Salad
Radish
Spinach



Pedigreed Washington Asparagus

INOCULATE BEANS AND PEAS WITH **STIMUGERM**

ASPARAGUS SEED

CULTURE. Sow the seed as early in spring as the soil can be worked, in drills 1 foot apart, and, when well started, thin out to 3 inches apart. When one to two years old, transplant into permanent beds, which should be well and deeply manured and trenched to a depth of 1½ feet. Set the plants in rows 3 feet apart, and not less than 1½ feet apart in the row. Care should be taken that the roots are well spread, and set at a depth of 6 inches below the level of the bed. Cover only 2 or 3 inches, and fill in gradually as the plants grow. Very little, if any, should be cut the first year after transplanting, but a fair crop can be cut the second year. Every fall after the tops have been cut down, apply a dressing of coarse manure, and in the spring fork it in. An occasional top-dressing of salt at the rate of one-half pound per square yard is also beneficial.

ARGENTEUIL. This variety is largely grown in France for the Paris market. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts.; lb. $1.

Pedigreed Washington. It is rust-resistant, particularly vigorous, and of wonderful quality. The shoots are large, straight, dark green in color, and with a heavy purple overtone; the tight, firm tips do not begin to open out until well out of the ground. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 40 cts.; lb. $1.50.

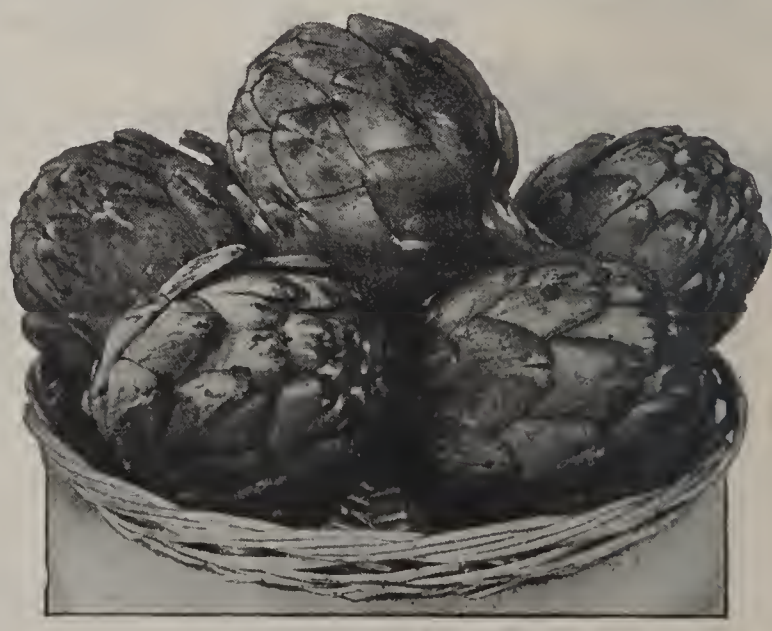
ARTICHOKE

CULTURE. Sow seed in hotbed in February or March, in rows 6 inches apart. Transplant, when large enough, into boxes or pots. After danger of frosts is past, plant in the open ground, in rows 3 feet apart, 2 to 3 feet apart in row, care being taken to press firmly in the ground, but do not plant too deep.

LARGE GLOBE or PARIS. The best of all Artichokes. Pkt. 15 cts.; ¼oz. 25 cts.; oz. 75 cts.

JERUSALEM ARTICHOKE. Distinct from the Globe, and propagated by and for its tubers. Lb. 20 cts.; 5 lbs. 75 cts.; 25 lbs. $2.75.

Vegetable Plants, Roots and Herbs
See page 116



Artichokes, Paris or Globe

BEANS

One pound will plant about 100 feet of drill

INOCULATE THIS SEED WITH STIMUGERM

Beans should not be planted too early, as they are very sensitive to cold and wet. Plant about the middle of April, when warm and favorable, and at intervals throughout the season for a succession until the latter part of August. Bush varieties should be planted in rows 2 feet apart, and the Beans 2 inches apart and 2 inches deep in the rows. Keep them well cultivated and draw the earth up to the stem, but only when dry.

DWARF GREEN-PODDED BEANS

Bountiful. This is the best of the flat-podded, stringless varieties. The light green pods are 6½ to 7 inches long, stout, flat, somewhat curved, absolutely stringless, attractive, and of very fine quality. At the same time it is very early, vigorous, hardy, and a heavy yielder. Pkt. 10 cts.; lb. 40 cts.; 2 lbs. 75 cts.; 5 lbs. $1.75.

EXTRA-EARLY RED VALENTINE. This is the earliest of all green Bush Beans. The pods are round, slightly curved, very meaty, pale green in color, and semi-transparent. The plants bear abundantly and the Beans remain fit for use a long time. Pkt. 10 cts.; lb. 35 cts.; 2 lbs. 65 cts.; 5 lbs. $1.50.

MASTERPIECE (SUTTON'S). A superior green, round-podded variety, very prolific; long, straight, stringless pods; very early, fine forcer. Our imported stock of this exceptionally fine variety has given great satisfaction wherever tried. Pkt. 15 cts.; lb. 50 cts.; 2 lbs. 95 cts.; 5 lbs. $2.25.

***Stringless Green-Pod.** This Bean is very early, productive, hardy, and vigorous. The pods average about 5 inches in length, straight, stout, round, crease-backed, and of a dark green color. They are tender, brittle, of the finest flavor and quality, and strictly stringless. Pkt. 10 cts.; ½lb. 20 cts.; lb. 35 cts.; 2 lbs. 65 cts.; 5 lbs. $1.50.

***Tendergreen.** (New.) The pods are of handsome appearance, long, round as a pencil, very meaty, and of light green color. They mature early and the vines are exceptionally strong and vigorous. This Bean is remarkable for the large yields of long, straight pods. Pkt. 10 cts.; ½lb. 25 cts.; lb. 40 cts.; 2 lbs. 75 cts.; 5 lbs. $1.75.

GIANT STRINGLESS GREEN-POD. Somewhat similar to Stringless Green-Pod, but pod is a little longer, straighter, more slender, and slightly lighter in color; early, hardy, and of highest quality. Pkt. 10 cts.; lb. 35 cts.; 2 lbs. 65 cts.; 5 lbs. $1.50.

CANADIAN WONDER. The finest forcing Bean. A great favorite, both for table and exhibition. Produces an abundance of very long fleshy pods of superb quality. Pkt. 15 cts.; lb. 50 cts.; 2 lbs. 95 cts.; 5 lbs. $2.25.

Stringless Black Valentine. (New.) This new Bean has all the good qualities of the old Black Valentine and is entirely stringless. The attractive, dark green, oval pods are nearly straight, very tender, and of delicate flavor. This new variety is early, vigorous, and one of the most prolific yielders. Pkt. 10 cts.; lb. 40 cts.; 2 lbs. 75 cts.; 5 lbs. $1.75.

DWARF WAX OR YELLOW-PODDED BEANS

Wardwell's Kidney Wax. Plants of this Bean grow about 15 inches high; vigorous and very productive. The pods are straight, almost flat, and from 5½ to 6 inches long. They are fleshy, brittle, fine-grained, stringless, of a rich golden yellow color, and are of good quality and very attractive. Pkt. 10 cts.; lb. 40 cts.; 2 lbs. 75 cts.; 5 lbs. $1.75.

***IMPROVED RUSTPROOF GOLDEN WAX.** A strong grower; free from rust. Pods meaty and well filled, semi-round, rich yellow, fine quality; entirely stringless. Pkt. 10 cts.; ½lb. 25 cts.; lb. 40 cts.; 2 lbs. 75 cts.; 5 lbs. $1.75.

PENCIL-POD BLACK WAX. Long light golden yellow pods, very tender and brittle. Pkt. 10 cts.; lb. 40 cts.; 2 lbs. 75 cts.; 5 lbs. $1.75.

Stringless Refugee Wax. The pods are round, pencil-like, and are always stringless. The color is a rich golden yellow, and the quality is excellent. Pkt. 10 cts.; lb. 40 cts.; 2 lbs. 75 cts.; 5 lbs. $1.75.

ROUND-PODDED KIDNEY or **BRITTLE WAX.** Long, round, handsome, stringless pods of large size, very solid and full of meat, crisp, brittle, and free from rust. Earliest Wax Bean. Pkt. 10 cts.; lb. 40 cts.; 2 lbs. 75 cts.; 5 lbs. $1.75.

SURE-CROP WAX. A stringless dwarf Wax Bean, very tender and of excellent quality. Pkt. 10 cts.; lb. 40 cts.; 2 lbs. 75 cts.; 5 lbs. $1.75.

DWARF BEANS FOR SHELLING (Winter Use)

***BOSTON SMALL PEA BEAN.** Commonly known as the Boston or Navy Bean. This is the standard sort for winter use. Fine for baking. ½lb. 20 cts.; lb. 30 cts.; 2 lbs. 55 cts.; 5 lbs. $1.25.

***LARGE WHITE MARROW.** Large, oval-shaped, white Beans. The dried Beans are larger than Boston and very meaty. ½lb. 20 cts.; lb. 30 cts.; 2 lbs. 55 cts.; 5 lbs. $1.25.

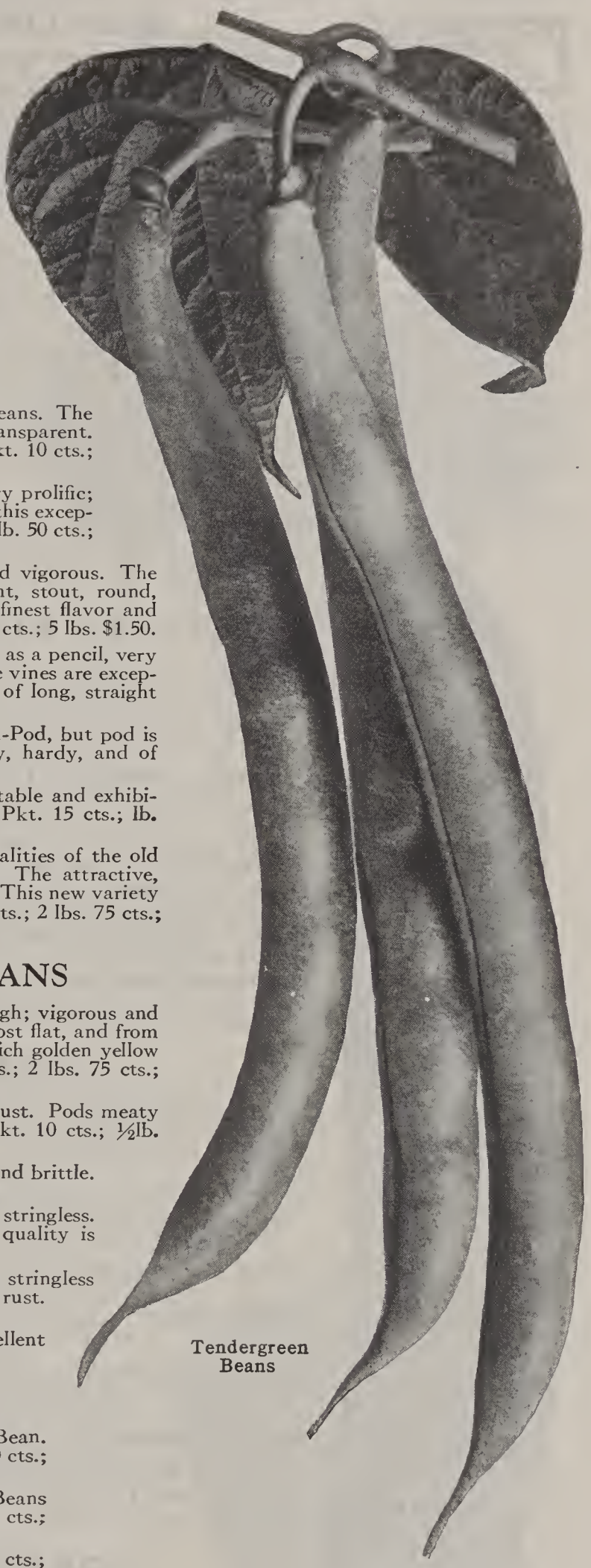
***RED KIDNEY.** Fine variety for baking. ½lb. 20 cts.; lb. 30 cts.; 2 lbs. 55 cts.; 5 lbs. $1.25.

ENGLISH BEANS

Plant 4 inches deep, as early in the spring as the ground can be worked. The rows should be 3 feet apart, and the seed set 4 inches apart in the rows.

Broad Windsor. The best variety. Very hardy. Height 3 feet. Lb. 40 cts.; 2 lbs. 75 cts.; 5 lbs. $1.75.

PLEASE NOTE. Only varieties of Beans marked * can be supplied in ½lb. packages



Tendergreen Beans

"MEXOGEN"
Kills and Repels Mexican Bean Beetle
See page 118

INOCULATE THIS SEED WITH STIMUGERM

BUSH LIMA BEANS

The Dwarf Lima class cannot be recommended too highly. The Beans can be grown and gathered much more easily than the Pole Limas as the plants require no support. They can also be grown closer together than those of any Pole variety. Dwarf Limas are fully equal in quality to Pole Limas and as a rule are earlier maturing. Limas require a longer season for maturing than other garden Beans. Plant when ground is dry, weather warm, and danger of frost is over. Select rich, light soil. Plant in drills 2 to 3 feet apart, dropping the Beans 3 to 4 inches apart and covering 1½ to 2 inches deep.

One pound will plant 50 feet of row

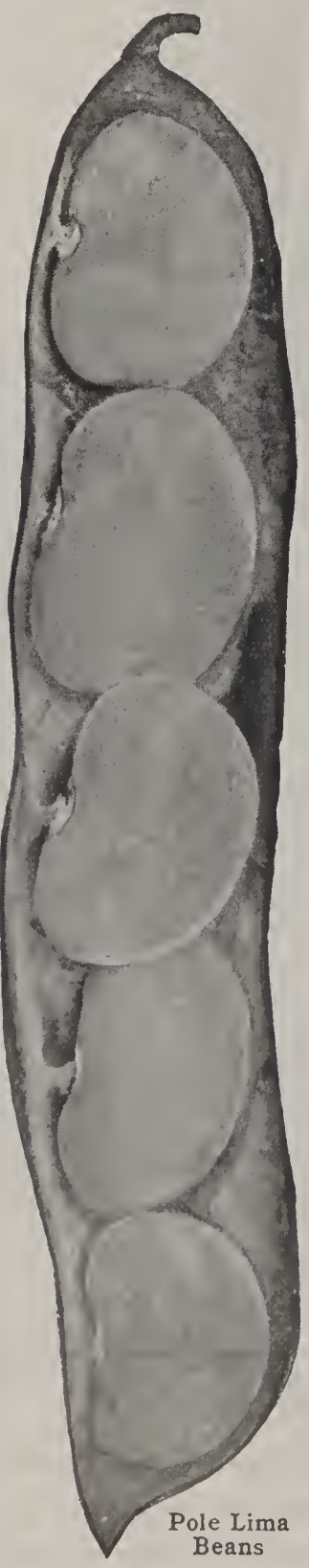
***Fordhook.** The Fordhook is entirely distinct in habit of growth. The stiffly erect bushes branch freely and bear tremendous crops. It is ready for use as early as the popular Burpee's Bush Lima, but the Beans are much plumper and remain green much longer. The green Beans are thick and meaty and are closely packed in the pods, which shell very easily. Pods are borne in clusters of from four to six, average 4 to 5 inches long, and usually contain four tender Beans of a delightful flavor. Pkt. 10c.; ½lb. 25c.; lb. 40c.; 2 lbs. 75c.; 5 lbs. $1.75.

BURPEE'S IMPROVED. Differs from the original Burpee's Bush Lima in having much larger pods and producing more Beans, while both pods and Beans are not only larger in size but also considerably thicker. The pods measure 5 to 6 inches long, and even when of full size the enormous Beans are of the most delicious flavor. Pkt. 10c.; lb. 40c.; 2 lbs. 75c.; 5 lbs. $1.75.

DREER'S or KUMERLE. An excellent large-seeded variety. Pods thick and large, each containing three to five thick Beans of the best quality. Pkt. 10c.; lb. 40c.; 2 lbs. 75c.; 5 lbs. $1.75.

HENDERSON'S. A dwarf form of the Sieva Lima, valuable for its earliness. Pkt. 10 cts.; lb. 35 cts.; 2 lbs. 65 cts.; 5 lbs. $1.50.

***McCREA'S.** A new variety that is highly recommended. The plants are vigorous and of upright growth, bearing an abundance of short but very thick pods, each containing from 3 to 5 large plump Beans of remarkably sweet flavor. A most desirable Bush Lima for the home-garden. ½lb. 30 cts.; lb. 50 cts.; 2 lbs. 95 cts.; 5 lbs. $2.25.

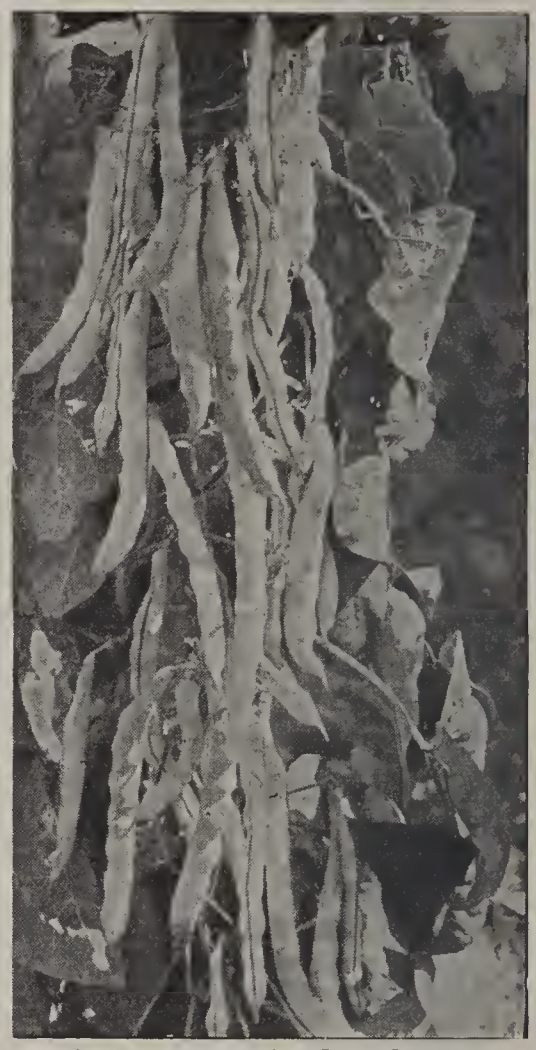


Pole Lima Beans

POLE OR RUNNING BEANS

Pole Beans are tender and should be sown two weeks later than Bush. They succeed best in sandy loam, liberally enriched with manure. Form hills 3 to 4 feet apart; plant three to six Beans in a hill, 2 inches deep, leaving space in center for the pole. When well started, thin to from two to four plants in the hill.

***Kentucky Wonder or Old Homestead.** Long, flat green pods, 7 to 9 inches in length, fleshy and stringless. Heavy yielder. Pkt. 10 cts.; ½lb. 20 cts.; lb. 35 cts.; 2 lbs. 65 cts.; 5 lbs. $1.50.



Kentucky Wonder Pole Beans

WHITE CREASEBACK or BEST OF ALL. Early green-podded variety, productive, and of fine quality. Pkt. 10 cts.; lb. 35 cts.; 2 lbs. 65 cts.; 5 lbs. $1.50.

SCARLET RUNNER. A favorite, both for its quality as a Snap Bean and also for its flowers, which are a bright scarlet. Pkt. 10 cts.; lb. 40 cts.; 2 lbs. 75 cts.; 5 lbs. $1.75.

***EARLY GOLDEN CLUSTER WAX.** An early sort, producing an abundance of bright golden yellow pods, which are thick, fleshy, and tender. Pkt. 10 cts.; ½lb. 25 cts.; lb. 40 cts.; 2 lbs. 75 cts.; 5 lbs. $1.75.

KENTUCKY WONDER WAX. Similar to the Kentucky Wonder or Homestead Green Pod, except in the color of pods, which in this one are light waxy yellow. It has a thick, broad pod, very tender, of delicious flavor and stringless. Pkt. 10 cts.; lb. 40 cts.; 2 lbs. 75 cts.; 5 lbs. $1.75.

POLE LIMA BEANS

These require poles 8 to 10 feet long. Plant in hills 3 to 4 feet apart each way, and 2 inches deep, allowing four to six seeds to each hill. When the plants are well established they should be thinned out to three. They are more sensitive to cold than the Bush Beans, and should not be planted before the middle of May.

One pound will plant about 50 hills

CARPINTERIA. A very fine, vigorous, strong-growing Lima. Very productive, and the Beans—usually four to the pod—are much larger and thicker than ordinary Limas and seeds retain their distinctively green tinge. Pkt. 10c.; lb. 40c.; 2 lbs. 75c.; 5 lbs. $1.75.

***King of the Garden.** A vigorous and productive sort; pods very long, each containing five to six large Beans of delicious flavor. Pkt. 10 cts.; ½lb. 25 cts.; lb. 40 cts.; 2 lbs. 75 cts.; 5 lbs. $1.75.

EARLY JERSEY. This variety matures a few days earlier than the King of the Garden Lima Pkt. 10 cts.; lb. 40 cts.; 2 lbs. 75 cts.; 5 lbs. $1.75.

Waterer's Evergreen. Vines are vigorous and make strong growth, producing large quantities of pods containing four large Beans. These are thicker than the ordinary Lima and have a decided green tinge, even when old, which they retain after cooking; unsurpassed in flavor. Pkt. 10c.; lb. 45c.; 2 lbs. 85c.; 5 lbs. $2.

DREER'S IMPROVED or CHALLENGER. The vines of this variety are vigorous and productive, the pods thick and contain four to five Beans of excellent quality. Pkt. 10 cts.; lb. 40 cts.; 2 lbs. 75 cts.; 5 lbs. $1.75.

SMALL or SIEVA. Very productive. Beans small, good quality. Pkt. 10 cts.; lb. 35 cts.; 2 lbs. 65 cts.; 5 lbs. $1.50.

Brussels Sprouts

BRUSSELS SPROUTS

A species of the cabbage family, which produces miniature heads from the sides of the stalk. These heads are a great delicacy, cooked in the same way as cauliflower. Sow seed about the middle of May, in a seed-bed, and the plants afterwards set in rows 2 feet or more apart, and cultivated like cabbage.

LONG ISLAND HALF DWARF. Produces compact sprouts of finest quality; a good keeper. Pkt. 10 cts.; oz. 30 cts.; ¼lb. 80 cts.

MATCHLESS. Excellent for general use. Plants robust, very hardy; the stems are covered with compact globular sprouts of excellent flavor. Pkt. 10c.; oz. 35c.; ¼lb. $1.

TABLE BEETS

Beets possess great food-value and are easily grown. Extensive plantings should be made to provide for summer and winter use. Sow as early as the ground can be worked, in rich or well-manured garden soil which has been deeply plowed or spaded. Sow in drills ½ to 1 inch in depth, allowing a space of 1½ feet between rows for cultivation. Successive sowings can be made until July. During the summer it is advisable to soak the seed over night in water before planting. Sow rather thickly and when plants are 2 to 3 inches high, thin out to 4 to 5 inches between plants. The young plants which you take out need not be wasted, for they are, in fact, superior to spinach for greens. The varieties we offer are greatly improved and will produce fine smooth roots of excellent quality.

One ounce will sow 50 feet of drill; 5 to 6 pounds for an acre

Crosby's Egyptian. A carefully selected strain of Egyptian, as early as the original, but larger, thicker, smoother, and of better quality. Flesh deep blood-red. It is a rapid grower, attaining a usable size quicker than almost any other variety, and does not become woody with age. Profitable in almost any soil and satisfactory for the small gardener as well as for the market. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 45 cts.; lb. $1.25.

CRIMSON GLOBE. This fine variety is of medium size, perfect globe shape, and is produced very uniformly, with smooth skin, small tops, and a rich dark blood-red color, slightly zoned. It is very tender and sweet. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 45 cts.; lb. $1.25.

BASTIAN'S EARLY BLOOD TURNIP. Tops small; roots turnip-shaped; flesh tender, blood-red color. An extra-good medium-early. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 45 cts.; lb. $1.25.

Detroit Dark Red. (Improved Strain.) The standard of excellence in table Beets for home- and market-garden, shipping, and for canning. Tops uniform, small, slender, erect. Roots globe-shaped; symmetrical, with small collar and small tap-root; very dark blood-red. Interior very uniform in color, the zones so inconspicuous that the flesh seems to be one solid ball of deep blood-red meat; remains tender and of highest quality until roots are full grown. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 60 cts.; lb. $1.75.

DETROIT DARK RED. (Regular Strain.) Pkt. 10 cts.; oz. 20 cts.; ¼lb. 45 cts.; lb. $1.25.

Swiss Chard

EARLY ECLIPSE. This variety is exceedingly popular and is one of the best early sorts. The tops are small, admitting of close planting, and the roots are globular in shape. Flesh fine-grained, very sweet, dark red, zoned with a lighter shade. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 45 cts.; lb. $1.25.

Detroit Dark Red, Improved Strain

EARLY BASSANO. A very early flat variety; flesh white and rose-colored; very sweet. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 45 cts.; lb. $1.25.

Early Wonder. This is an early sort, being ready a few days ahead of Crosby's Egyptian. It is a turnip-shaped variety of very uniform type and is always smooth. Flesh is a beautiful deep red color and is of excellent quality. Tops are small and erect and it may therefore be planted closer than most other sorts. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 45 cts.; lb. $1.25.

HALF-LONG BLOOD. Of bright color and excellent quality. For winter use sow early in July. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 45 cts.; lb. $1.25.

LONG DARK BLOOD. A good late variety for fall and winter use; sweet and tender. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 45 cts.; lb. $1.25.

Winter Keeper. Almost globe-shaped; rich dark red, tender and sweet. One of the best Beets to keep for a winter supply. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 75 cts.; lb. $2.

SWISS CHARD OR SPINACH BEET

One ounce will sow 50 feet of row

Swiss Chard is used extensively, either as greens, like spinach, or in the same manner as asparagus, when only the rib is eaten. Seed may be sown in April or May, in drills 1½ feet apart and 1½ inches deep. Thin the plants to 6 inches apart and cultivate the same as for the common beet. The outer leaves should either be cut off close to the base of the plant or pulled off when young, and may be picked continuously from June until frost, for when the leaves are cut others take their places very rapidly.

GIANT LUCULLUS. Light green leaves are crimped and curled, with silvery white ribs and stems. Large and of fine quality. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 40 cts.; lb. $1.25.

WHITE LYONS. Large, yellowish green, smooth leaves; white stalks and midribs of a delicate flavor. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 40 cts.; lb. $1.25.

MANGEL-WURZEL

Used for feeding stock. Sow in May or June, in rows 3 feet apart, and thin to 8 inches apart in the row.

One ounce sows 50 feet of drill; 6 pounds an acre

Mammoth Prize Long Red. The largest and heaviest cropping Mangel. Dark red skin, with whitish flesh. Oz. 10 cts.; ¼lb. 30 cts.; lb. 85 cts.; 5 lbs. $3.75.

GOLDEN TANKARD. An enormous yielder of weight per acre, and at the same time very nutritious. Flesh deep yellow. Oz. 10 cts.; ¼lb. 30 cts.; lb. 85 cts.; 5 lbs. $3.75.

BROCCOLI

Belongs to the same family as cauliflower, but of a little coarser texture. More hardy and therefore better adapted to a wider range of conditions. The new Green Sprouting types are quite different in manner of growth, as shown in illustration.

ITALIAN GREEN SPROUTING. A new and distinct variety of the sprouting type. It forms a large head consisting of a cluster of bluish green flower-heads. When this central head is removed, the plant develops numerous lateral sprouts, each of which produces a small head. These are cut, leaving about 6 inches of the stem. Both stems and heads are cooked and served like cauliflower. For July crop, sow the seed in a hotbed in March or April, and for fall crop, in the open ground in May. Ready for use in about 90 days. Pkt. 15 cts.; ½oz. 40 cts.; oz. 75 cts.

LARGE WHITE FRENCH. Heads white, very compact, and hard. Pkt. 10c.; ½oz. 40c.; oz. 75c.

Italian Broccoli

CABBAGE

For very early use, sow in January or February in hotbeds; prick out when the plants are strong enough into other hotbeds, or sow in hotbeds in March. Transplant to the open ground when danger from killing frosts has passed, in rows 2 feet apart and 1½ feet from plant to plant. For succession, sow in the open ground the last of March or early in April. The autumn and winter varieties may be sown in April or early in May, in shallow drills 3 to 4 inches apart; transplant early in July, making the rows about 2½ feet apart, and setting the plants 2 feet apart in the rows. Cabbage succeeds best in a fresh, rich soil, well manured, and deeply dug or plowed.

One ounce should produce about 2,500 plants

Copenhagen Market. The finest, large, round-headed early Cabbage. The heads average about 10 pounds, are solid, and of fine quality. It matures as early as Charleston Wakefield, and will give a heavier yield per acre. Pkt. 10 cts.; ½oz. 25 cts.; oz. 40 cts.; ¼lb. $1.25.

Selected Early Jersey Wakefield. The standard early varicty; conical in shape; medium-sized heads; very solid. Pkt. 10 cts.; ½oz. 25 cts.; oz. 40 cts.; ¼lb. $1.25.

Babyhead. Extreme earliness and small size are characteristic of this new variety. The head is less than 6 inches across, round, firm, and of splendid mild cooking quality. The outer leaves are few and small, and the stem is short. Babyhead is recommended as the first to reach the table when grown outdoors and also for growth under glass, for which purpose it is ideal. Pkt. 15 cts.; ½oz. 30 cts.; oz. 50 cts.

Selected Early Jersey Wakefield Cabbage

Golden Acre. A new, early, round-headed Cabbage which resembles Copenhagen Market in type but smaller, and can be planted more closely. Solid and of very fine quality. Pkt. 15 cts.; ½oz. 35 cts.; oz. 65 cts.; ¼lb. $1.75.

EARLY SUMMER. A second-early Cabbage which matures about ten days after the Jersey Wakefield. Large, solid, flattish head, with short outer leaves. Pkt. 10 cts.; ½oz. 20 cts.; oz. 35 cts.; ¼lb. $1.

SUCCESSION. This popular second-early sort is about ten days later than Early Summer, larger in growth, and heads more uniform. It is an excellent keeper and in color an attractive light green. Pkt. 10 cts.; ½oz. 20 cts.; oz. 35 cts.; ¼lb. $1.

ALL-SEASONS (Vandergaw). Large, hard, solid and slightly flattened heads. As good for autumn or winter as for early summer. Pkt. 10 cts.; ½oz. 20 cts.; oz. 35 cts.; ¼lb. $1.

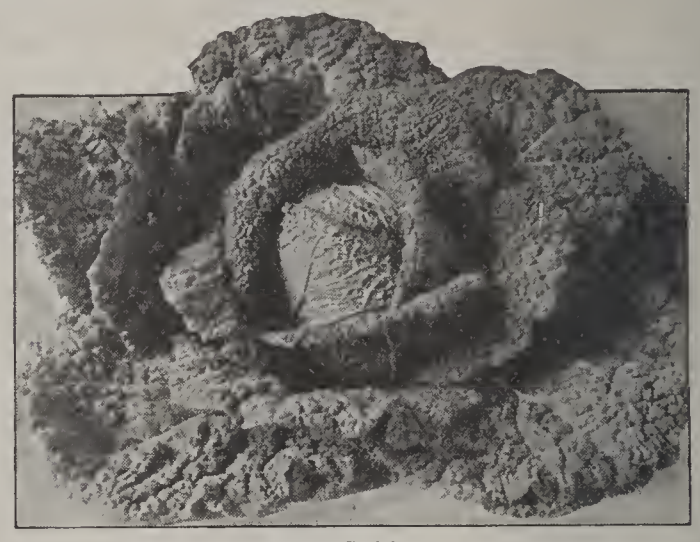
PENN STATE BALLHEAD. A special selection made by the Pennsylvania State College of Agriculture for the purpose of increasing the tonnage per acre without sacrificing any of the splendid qualities of the True Danish Ballhead Cabbage. Excellent, large, solid, round heads, uniform in size, shape, and color and of the highest quality. Pkt. 15 cts.; ½oz. 35 cts.; oz. 60 cts.; ¼lb. $2.

Danish Ballhead. A well-known variety on account of its solid heads and unsurpassed keeping qualities. Heads are of medium size with few outer leaves, hence its name, "Ballhead." Solid, crisp, tender, with small amount of waste. Pkt. 10 cts.; ½oz. 20 cts.; oz. 35 cts.; ¼lb. $1.

DANISH ROUNDHEAD. Similar to Danish Ballhead, but slightly larger and about two weeks earlier. Very hard and heavy. Pkt. 10 cts.; ½oz. 20 cts.; oz. 35 cts.; ¼lb. $1.

Selected Late Flat Dutch. A popular late variety. Its keeping qualities are unsurpassed. For market and family use this variety is more extensively cultivated than any other. Pkt. 10 cts.; ½oz. 20 cts.; oz. 35 cts.; ¼lb. $1.

LARGE LATE DRUMHEAD. A favorite winter variety. The heads grow very large and heavy. They are solid, of good quality and texture, and have very few loose leaves, allowing of planting closely in the field. Pkt. 10 cts.; ½oz. 20 cts.; oz. 35 cts.; ¼lb. $1.



Savoy Cabbage

SAVOY CABBAGE

Perfection Drumhead Savoy. The hardest heading and best Savoy, possessing the rich flavor of the cauliflower. Pkt. 10c.; ½oz. 25c.; oz. 40c.; ¼lb. $1.25.

RED CABBAGE

Mammoth Rock Red. This late standard variety produces very solid, 10-pound heads of intense dark red color. The plant is large, with numerous spreading leaves and is sure heading. Used very largely for pickling on account of its excellent flavor and attractive color. Produces the largest head of any of the red varieties. Pkt. 10 cts.; ½oz. 25 cts.; oz. 40 cts.; ¼lb. $1.25.

RED DRUMHEAD. The standard pickling variety and a good keeper. Heads large, rounded in shape, solid, and of a fine, deep red color. Pkt. 10 cts.; ½oz. 20 cts.; oz. 35 cts.; ¼lb. $1.

CHINESE CABBAGE

This is often called "Celery Cabbage" on the market, and when well grown resembles cos lettuce. The leaves, when young, are crimped and of a light green color. The plant, as it becomes older, grows more upright and forms heads much like cos lettuce. The inner leaves blanch an attractive light yellow or creamy white with very white midribs. It has a distinctive flavor, very mild and pleasant. It can be served as a salad like lettuce or cooked like other Cabbages. Sow seed after July 1.

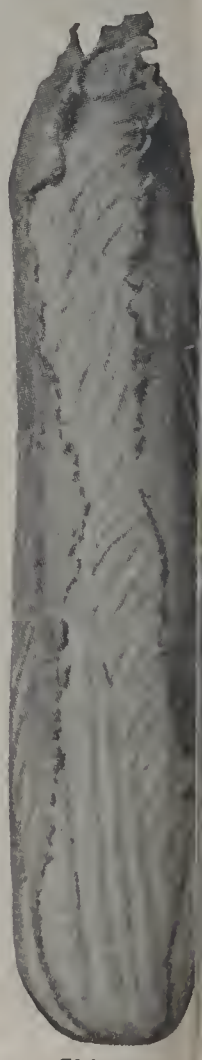
CHIHLI. Earliest and most sure-heading of the Chinese variety. Plants are of upright growth, with very broad leaves and white, cylindrical heads 2 feet in length and of superior quality. Pkt. 10 cts.; ½oz. 20 cts.; oz. 35 cts.

WONG BOK. Quite distinct in appearance of growth, being much shorter, with broad leaves and heavy broad heart. The ribs, also broad and heavy, are very juicy. Pkt. 10 cts.; ½oz. 20 cts.; oz. 35 cts.

CARDOON

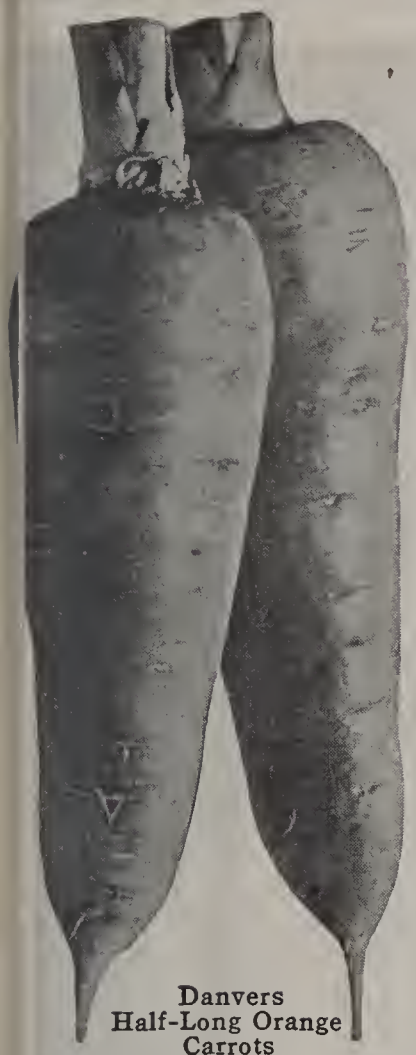
Sow early in the spring and transplant in trenches of well-manured ground, 3 feet apart and 1 foot apart in the rows; when full size, bind the plant together and earth up the same as celery.

LARGE SOLID. Grows about 4 feet high and is almost entirely spineless. Pkt. 10 cts.; oz. 35 cts.



Chinese Cabbage, Chihli

All prices subject to market changes



Danvers Half-Long Orange Carrots

CARROT

A sandy, rich loam, deeply cultivated, is the best soil for Carrots. For home-gardens, sow in rows 1 foot apart and thin to 2 to 3 inches apart in the row; for field-culture, 2 to 2½ feet between rows. Cover ½inch and thin to 3 to 4 inches between plants.

One ounce will sow 100 feet of drill; 3 to 4 pounds for an acre

Danvers Half-Long Orange. A first-class variety. The smooth, handsome roots are of medium length, tapering uniformly to a blunt point; flesh dark orange, sweet, crisp, and tender. Valuable for market-gardeners, also as a field crop. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 65 cts.; lb. $2.

EARLIEST FRENCH FORCING. The earliest of all varieties, and especially adapted for cultivation under glass, both on account of its earliness and the shortness and small size of its roots. Delicate, fine grained, and remarkably fine flavored. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 65 cts.; lb. $2.

EARLY SCARLET HORN. For forcing and early garden use; flesh deep orange, fine grained. May be planted very early and is an excellent summer variety. Tops small and roots grow about 2 inches long. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts.; lb. $1.50.

Nantes Half-Long, Improved. Sweet, fine flavored, and almost without any core; is very fine grained; excellent for the home-garden or market. Finest in quality and handsomest in shape of the medium-sized sorts. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 65 cts.; lb. $2.

CHANTENAY or MODEL. An excellent Carrot for summer and winter use. It is finely shaped, half-long, blunt-pointed, with a small top, and the roots run very even in shape and size—about 5 to 6 inches long. The skin is clean, smooth, and of a deep orange color. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 65 cts.; lb. $2.

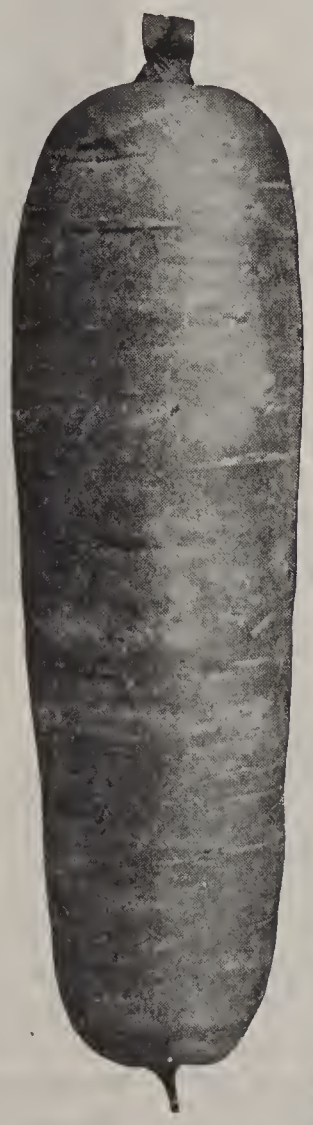
Red-Cored Chantenay. *New.* This is a distinct improvement over the well-known Chantenay, especially in color, texture, and quality of flesh. Roots 5½ to 6 inches long, 2¼ inches thick at the shoulder, tapered, stump-rooted; flesh and core reddish orange, fine grained, and tender; of sweet, delicate flavor. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 65 cts.; lb. $2.

ST. VALERY. One of the best and handsomest main-crop Carrots and enormously productive. The roots are symmetrical, tapering regularly from the shoulder to tip, smooth, and free from side roots. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts.; lb. $1.50.

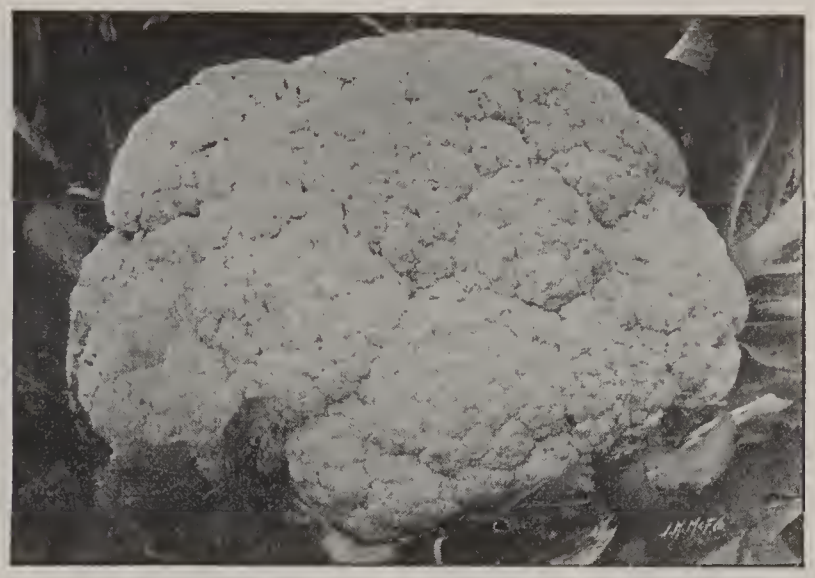
IMPERATOR. A new Carrot about 8 inches long, tapering somewhat. Of deep orange color which extends right to the center. Excellent for the home-garden. Pkt. 10c.; oz. 25c.; ¼lb. 65c.; lb. $2.

IMPROVED LONG ORANGE. Deep orange color; about 3 inches thick at the top and about 1 foot long, tapering to a point. Very productive. It is a good keeper, of fine quality for winter use, and extensively grown for stock feeding. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts.; lb. $1.50.

LARGE WHITE BELGIAN. The roots grow partly above ground and are thick through, yielding a heavy crop which should be harvested before frost. It is a field Carrot and grown only for stock feeding. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts.; lb. $1.



Red-Cored Chantenay Carrot



Waterer's Super Snowball Cauliflower

CAULIFLOWER

Cauliflower delights in a rich soil and abundance of water. Sow the seed in a hotbed in January or February, and, when the plants are large enough, transplant 3 inches apart in boxes or in other hotbeds until time to plant out. If hardened off they are seldom injured by planting out as early as the ground can be properly prepared, in rows about 2½ feet apart, and 2 feet between the plants. Cauliflower succeeds best when planted in frames at the close of winter, and brought to maturity before the summer heat sets in. Late varieties, which mature in autumn, are sown and managed like winter cabbage.

Waterer's Super Snowball. A carefully selected strain of Early Snowball Cauliflower. It is healthier, more vigorous, and strongly resistant to adverse weather conditions as well as diseases. Large, snow-white, solid heads of finest texture. Recommended for forcing and outdoor growing. Pkt. 50 cts.; large pkt. $1; ¼oz. $1.75; ½oz. $3; oz. $5.

EARLY SNOWBALL. Its compact habit of growth renders it a very profitable variety to force under glass, and it does well for late planting, as well as for early crops. It is a sure header. Pkt. 25 cts.; large pkt. 50 cts.; ¼oz. $1; ½oz. $1.75; oz. $3.

EARLIEST SNOWSTORM. A splendid dwarf early variety for forcing or growing in the open ground. Pkt. 25 cts.; large pkt. 50 cts.; ¼oz. $1.25; ½oz. $2; oz. $3.50.

DANISH GIANT or DRY WEATHER. This variety withstands dry weather better than any other sort; heads large, very solid, snow-white, and of the most delicate flavor. Pkt. 25 cts.; large pkt. 50 cts.; ¼oz. $1.25; ½oz. $2; oz. $3.50.

VEITCH'S AUTUMN GIANT. A valuable and distinct late variety, producing large, white, firm heads. Pkt. 10 cts.; large pkt. 20 cts.; ¼oz. 35 cts.; ½oz. 60 cts.; oz. $1.

EARLY PARIS or NONPAREIL. This is a well-known standard French variety, producing good-sized, pure white heads, which are tender and delicious. Pkt. 15 cts.; large pkt. 25 cts.; ¼oz. 50 cts.; ½oz. 85 cts.; oz. $1.50.

ALGIERS. One of the best late sorts. Grown largely for fall use. It is a sure header. Pkt. 15 cts.; large pkt. 25 cts.; ¼oz. 50 cts.; ½oz. 85 cts.; oz. $1.50.

CHICORY

Witloof Chicory

WITLOOF CHICORY or FRENCH ENDIVE. Sow the seed during May, in rows 1 to 1½ feet apart, and cover with about ¼inch of soil; when large enough, thin out to 6 inches apart in the row. In late autumn, lift the roots carefully, cut off the leaves about ½inch from the crown, and store in the cellar in sand or dry soil. After one month's rest they are ready for forcing. Plant thickly in a deep box in the cellar or in a dark place where it is warm. They will soon begin to send forth new leaves which, grown in the dark, are snowy white, crisp, and of finest flavor. It requires about one month to force the roots, and the heads are cut off with a small portion of the neck of the root attached. A continuous supply can be had by planting a dozen roots or more at a time. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 75 cts.

CHERVIL

CURLED. Cultivated like parsley and used for garnishing and flavoring soups and salads. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 75 cts.

CELERY

Sow the last of March or early in April, in drills 8 to 10 inches apart. The seed should be covered very lightly or merely pressed into the earth. When fairly out of the seed-leaf, they may be transplanted to another bed, or else thinned out to 4 inches apart and let grow until wanted for transplanting out into the beds or trenches early in July. Some gardeners trim off the tops a little while the plants are small, to make them grow more stocky. The trenches should be shallow, 3 to 4 feet apart, and wide enough to hold one or two rows. These rows should be 1 foot apart and the plants set about 6 inches apart in the row. As the plants grow they should be earthed up to blanch them, care being taken not to let the earth get into the heart. For keeping over the winter, bank up with earth and cover over with litter to keep out the frost, placing boards on top to keep out the rain.

One ounce of seed should produce about 3,000 plants

COLUMBIA. A splendid variety of medium height. The stalks are broad and thick, almost round, solid, and of the highest quality. The foliage is of a light green shade with a tinge of yellow. It matures early, is crisp, tender, and of fine flavor. Pkt. 10 cts.; ½oz. 25 cts.; oz. 40 cts.; ¼lb. $1.25.

Easy Blanching. A variety of Celery remarkably easy to blanch which, together with its being adapted to early use as well as storing for winter, makes it especially suitable for the home-garden. Stalks thick, brittle and of excellent flavor; plant a strong healthy grower. Pkt. 10 cts.; ½oz. 35 cts.; oz. 60 cts.; ¼lb. $2.

EMPEROR or FORDHOOK. The stalks are of medium length, as thick through as one's finger, and of the finest quality, tender, crisp and without strings. The stalks blanch white and keep well in storage. An excellent winter variety. Pkt. 10 cts.; ½oz. 30 cts.; oz. 50 cts.; ¼lb. $1.75.

Paris Golden Self-blanching. (French-grown seed.) The best very early Celery, extensively grown for summer and early autumn use. The stalks are solid, crisp, tender, and of fine, nutty flavor. Pkt. 15 cts.; ½oz. 60 cts.; oz. $1.

White Plume. This is one of the most popular of the varieties now in use. A comparatively easy variety to grow, as it is fairly hardy, and, being naturally white, is easy to blanch. Forms a medium-sized bunch and is fairly tall. Used mostly for a very early crop. Pkt. 10 cts.; ½oz. 25 cts.; oz., 40 cts.; ¼lb. $1.25.

Golden Plume or Wonderful. It is somewhat earlier than Paris Golden Self-blanching and is more easily blanched to a beautiful, clear, creamy white. The plant is stout and stocky, with a full heart. A vigorous grower, resistant to disease and unequaled for home-garden, local market, and long-distance shipments. Pkt. 15 cts.; ½oz. 40 cts.; oz. 75 cts.

GIANT PASCAL or WINTER KING. One of the best for fall and winter use. It is a selection from the Golden Self-blanching, and adds to the general good quality of its parent superior keeping qualities. The stalks are very large, solid, crisp, and of a rich, nutty flavor. It blanches very easily and quickly. The heart is golden yellow; very attractive. Pkt. 10 cts.; ½oz. 25 cts.; oz. 40 cts.; ¼lb. $1.25.

Winter Queen. This is the most valuable variety of Celery for winter and spring use ever introduced. It is thicker and heavier, with double the amount of heart of any known Celery. The plant is beautiful in appearance, of close habit and compact growth, and blanches to a beautiful cream-white. Ribs perfectly solid, crisp, and of a delicious, nutty flavor. Pkt. 10 cts.; ½oz. 25 cts.; oz. 40 cts.; ¼lb. $1.25.

SOUP or FLAVORING CELERY. Not for planting purposes, but used for flavoring. ¼lb. 25 cts.; lb. 75 cts.

CELERIAC

Turnip-Rooted Celery

GIANT SMOOTH PRAGUE. An improved form of the Turnip-rooted Celery. Roots large, round, smooth, and free from side roots. A profitable variety for market-gardeners. Sow seed same as celery, transplant into rows 2 feet apart and about 6 to 8 inches apart in the row. No earthing up is required for Celeriac, as it is the roots which are the edible portion of the vegetable. Pkt. 10 cts.; ½oz. 25 cts.; oz. 35 cts.; ¼lb. $1.

Golden Plume or Wonderful Celery

CORN SALAD (Fetticus)

Corn Salad

LARGE-SEEDED ROUND-LEAVED. A delicious salad for late fall, winter, and early spring use. Sow the seed during July, August, and September, in rich soil in shallow drills, and cover with ¼inch of soil. Matures in sixty to sixty-five days. The frost makes the leaves tender; they can be cut and used any time during the winter and early spring. Serve with a French dressing. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts.

CRESS

Easily grown during winter on the greenhouse bench, in frames or boxes, and splendid for salad, garnishing, or as an addition to winter lettuce. Sow seed very thickly in rows 3 to 6 inches apart under glass, or for summer 1 foot apart in open ground. Sow often for succession, as it soon runs to seed. Water Cress requires a stream of running water, ditch, or pond, in which it will grow without care, except at first keeping weeds from interfering with it.

EXTRA CURLED or PEPPER GRASS. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts.

WATER CRESS. Pkt. 10 cts.; ½oz. 30 cts.; oz. 50 cts.

UPLAND CRESS. Has the flavor of Water Cress, and will grow in any good soil. Pkt. 10 cts.; ½oz. 20 cts.; oz. 35 cts.; ¼lb. $1.

Stowell's Evergreen Corn

SWEET OR SUGAR CORN

Our Seed Corn is grown from carefully selected seed stocks

Sweet Corn, being liable to rot in cold, wet ground, should not be planted before May, or until the ground becomes warm. For a succession, plant every two weeks until middle of July, in rich, well-manured ground, in shallow furrows 3½ feet apart, thinning out to stand 1 foot apart in the rows, or in hills 3 feet apart each way, thinning out to stand three plants in a hill.

One pound will plant about 100 hills, or 150 to 200 feet of row

PLEASE NOTE. Only varieties of Sugar Corn marked * can be supplied in ½-lb. packages. Packets of all varieties of Sweet Corn, 10 cts. each.

***DE LUE'S GOLDEN GIANT.** Grown and bred in New England, where it is pronounced the sweetest Corn ever eaten. ½lb. 25 cts.; lb. 40 cts.; 2 lbs. 75 cts.; 5 lbs. $1.75.

MAMMOTH WHITE CORY. (White-Cob Strain.) One of the earliest and best of the extra-early varieties. Ears medium size—large, sweet grain. Lb. 35 cts.; 2 lbs. 65 cts.; 5 lbs. $1.50.

EARLY MAYFLOWER. One of the whitest and sweetest of the early varieties, and an exceptionally good yielder. Ears average 8 inches, with deep kernel. Lb. 35 cts.; 2 lbs. 65 cts.; 5 lbs. $1.50.

***Stabler's Early.** Of larger size than usual for the early kinds. It is remarkable for fine flavor, sweetness, and earliness, and is a desirable variety for the home-garden. ½lb. 20 cts.; lb. 35 cts.; 2 lbs. 65 cts.; 5 lbs. $1.50.

Golden Sunshine. The earliest of the golden yellow type, maturing a week to ten days earlier than Golden Bantam, and more dwarf in habit, with ears 7 inches long, containing 10 to 12 rows of broad, yellow, delicious sweet grains. Lb. 40 cts.; 2 lbs. 75 cts.; 5 lbs. $1.75.

***Golden Bantam.** Of dwarf growth, the stalks averaging 4 feet in height, each producing two or more ears measuring from 5 to 7 inches in length. When ready for use, the kernels are bright golden yellow, deliciously sweet, richly flavored, and remain tender for some time after ripening. ½lb. 20 cts.; lb. 35 cts.; 2 lbs. 65 cts.; 5 lbs. $1.50.

EARLY EVERGREEN. The ears grow to a good size (usually about 7 inches long), and contain from 16 to 18 rows of deep, sweet grains. Lb. 35 cts.; 2 lbs. 65 cts.; 5 lbs. $1.50.

KENDEL'S EARLY GIANT. A second-early variety. Ears average 7 inches in length, with 10 or more rows of large grains of rich, sugary flavor. Lb. 35 cts.; 2 lbs. 65 cts.; 5 lbs. $1.50.

Howling Mob. One of the finest second-early, large-eared sorts. The stalks have abundant foliage, and generally produce two fine ears. The ears measure 7 to 9 inches in length, with 12 to 14 rows of good-sized, pearly white grains. Lb. 35 cts.; 2 lbs. 65 cts.; 5 lbs. $1.50.

BLACK MEXICAN. Grains deep bluish purple, of delicious quality; medium early. Lb. 40 cts.; 2 lbs. 75 cts.; 5 lbs. $2.

LATE MAMMOTH. Produces larger ears than any other Sugar Corn. It is of good quality, rich and very sweet; late. Lb. 35 cts.; 2 lbs. 65 cts.; 5 lbs. $1.50.

Whipple's Early. Of the narrow-grained, Evergreen type, but ready for use much earlier. Ears 8 to 9 inches long, with 16 to 18 rows of pearly white grains. The chief distinction of this variety is that it is by far the earliest of the narrow-grained Evergreen types and has a large sugar content. Lb. 35 cts.; 2 lbs. 65 cts.; 5 lbs. $1.50.

***Stowell's Evergreen.** Recognized everywhere as the standard variety for market and home use. Remains longer in green state than any other sort. Very large ears, with deep grains and remarkably sweet. ½lb. 20 cts.; lb. 35 cts.; 2 lbs. 65 cts.; 5 lbs. $1.50.

***Country Gentleman.** One of the richest flavored of all the late sorts. As a table variety it stands unrivaled, and is without doubt the most luscious of all varieties of Sweet Corn. The plump, pearly white kernels are of great depth. ½lb. 20 cts.; lb. 35 cts.; 2 lbs. 65 cts.; 5 lbs. $1.50.

NEW HYBRID SWEET CORN

These hybrids are remarkably resistant to the destructive Stewart's Disease.

Golden Cross Bantam. Developed by the Purdue Agricultural Experimental Station. It is about a week later than Golden Bantam. The ears are 8 inches long and are closely set with 10 to 14 rows of creamy yellow, deliciously flavored kernels. Pkt. 15 cts.; ½lb. 30 cts.; lb. 50 cts.

Kingscrost Golden Bantam. The best of the early hybrids as it is 7 to 10 days earlier than the ordinary Golden Bantam and has the true 8-row Bantam ear. Its quality is excellent. Pkt. 15 cts.; ½lb. 30 cts.; lb. 50 cts.

DANDELION

A very superior quality of Dandelion greens may be had by sowing seed in May or June in very shallow drills, 15 to 18 inches apart. Seedlings should be thinned to 6 or 8 inches. A winter mulch is necessary after the ground becomes firmly frozen. Cultivated Dandelions have broader leaves and are in every way superior to the wild plants. The leaves are popular both for cooking and salads. They require rich soil.

IMPROVED THICK-LEAVED. Pkt. 10 cts.; ½oz. 35 cts.; oz. 65 cts.

POP-CORN

Pop-Corn is frequently planted in the garden as a curiosity and to interest and please the children, but we would caution gardening friends against planting Pop-Corn near Sweet Corn, as they cross quite readily, and to the detriment of both types. Pop-Corn ears should be allowed to become thoroughly ripened on the stalk before they are gathered. The grain must be thoroughly dry before it can be popped; that is, grains a year old will pop more satisfactorily than those which are freshly gathered.

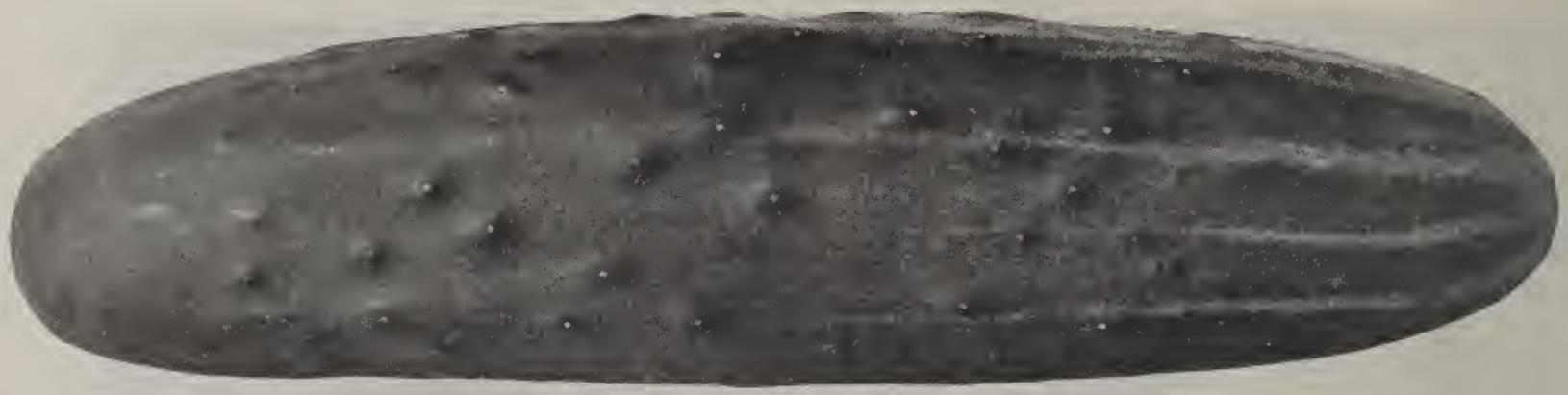
QUEEN'S GOLDEN. Pops perfectly white, and a single kernel will expand to a diameter of nearly 1 inch. Lb. 20 cts.; 3 lbs. for 55 cts.

WHITE RICE. The most popular white variety, of excellent popping qualities. Lb. 20 cts.; 3 lbs. for 55 cts.

FENNEL

FLORENCE. A delicious vegetable. The bases of the leaf-stalks are thick and bulb-like, and can be eaten raw like celery, or boiled. They have a mild, aromatic, sweet flavor. Pkt. 10 cts.; oz. 25 cts. ; ¼lb. 75 cts.

Fennel, Florence



Waterer's Evergreen Cucumber

SELECTED CUCUMBER SEED

Sow the seeds early in the season in a hotbed, using small sods (grass side down) or flower pots, placing a few seeds in each. When all danger of frost is past, transplant into hills, which should be 4 feet apart and 1½ feet in diameter. For general crop, a sowing may be made in the open ground in May in rich, mellow soil, well manured, using eight to ten seeds to each hill, and when danger of insects is past, thin out to four plants to each hill. For pickles, sow from the middle of June to first week in July. Pick all fruit when of proper size.

One ounce of seed will sow 50 hills; 2 pounds for an acre

Waterer's Evergreen. The fruits are large, symmetrical in shape, and of a rich dark green color. Flesh pure white, firm and crisp, with comparatively few seeds; unsurpassed for quality. Pkt. 15 cts.; oz. 35 cts.; ¼lb. $1.

Arlington White Spine. The Cucumbers average 7 to 8 inches in length, straight, and of a rich dark green color. Flesh white, crisp, and solid, with comparatively few seeds. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts.

DAVIS' PERFECT. An excellent variety for outdoor and forcing purposes. The long, even fruits are of fine form, with an intensely dark, rich green skin, very few seeds, and solid white flesh of superb quality for slicing. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts.

EARLY GREEN PROLIFIC or BOSTON PICKLING. Fruit short, smooth, symmetrical, and bright green; very productive, making a good pickle. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts.

EARLY FORTUNE. One of the very early varieties, producing an abundance of fruit of medium size and very high quality. A good variety for early table use. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts.

WEST INDIA GHERKIN. A small prickly variety, used for pickles only. Pkt. 10 cts.; oz. 30 cts.; ¼lb. $1.

EARLY RUSSIAN. This is the earliest of all pickling Cucumbers. The fruits are small—about 3 inches in length and 1½ inches thick. A productive variety known for its excellent quality. Pkt. 10 cts.; oz. 30 cts.; ¼lb. $1.

Long Green (Jersey Pickle). A well-known standard variety about 1 foot in length, of most excellent quality, and when young makes the best of pickles. When ripe it is the best of any for sweet pickles. Vines vigorous and very productive. Pkt. 10 cts.; oz. 30 cts.; ¼lb. $1.

JAPANESE CLIMBING. Can be grown on a trellis; very prolific and of good quality. Pkt. 15 cts.; oz. 35 cts.; ¼lb. $1.25.

ENGLISH FORCING CUCUMBER

These varieties are used for forcing. They can be grown in hotbeds or houses where the temperature does not fall below 65 degrees at night. The fruits are long, smooth, and handsome, frequently growing 20 to 30 inches long.

Lockie's Perfection, Telegraph, Tender and True. Each, pkt. of 12 seeds, 25 cts.; $2 per 100 seeds.

EGGPLANT

Sow seeds in a box or pot in greenhouse or hotbed, in February and March. When about 3 inches high, plant singly into small pots and set plants out in the open ground about May 20, 2 feet apart in row and 3 feet between rows. Eggplants are very tender and will not stand frost.

NEW YORK IMPROVED PURPLE. Large, round, deep purple fruit, often weighing from ten to twelve pounds, of excellent quality, and free from spines. The plants grow vigorously and produce from four to five well-developed fruits. Pkt. 15 cts.; ½oz. 35 cts.; oz. 60 cts.

Improved Black Beauty. Fully as large as New York Improved Purple, and about a week earlier. Fruit deep black-purple, of finest quality. Pkt. 15 cts.; ½oz. 40 cts.; oz. 75 cts.

New York Improved Purple Eggplant

ENDIVE

Endive is one of the best and most wholesome salads for fall and winter use. Sow in shallow drills in April for early use or in June or July for late use. When the plants are 2 to 3 inches high, thin them out or transplant into moderately rich and rather light soil, 1 foot apart. When nearly full grown, and before they are fit for the table, they must be blanched by tying the leaves loosely together, which must be done when quite dry, or by covering with boards or flower pots.

One ounce will sow 100 feet of row

WHITE CURLED. Very tender and white. Blanches easily. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 60 cts.

ENDIVE, continued

BROAD-LEAVED BATAVIAN (Escarolle). Long, broad leaves; very fine for salads. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 60 cts.

GIANT FRINGED. A vigorous grower, with handsome, broad fringed leaves and a white heart. Pkt. 10c.; oz. 25c.; ¼lb. 60c.

GREEN CURLED. The hardiest of all, with curled dark green leaves; tender and crisp. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 60 cts.

KALE or BORECOLE

The Kales are highly esteemed for winter greens. Extremely hardy, and are improved in flavor after frost. For fall use, sow in May, transplant in June, and treat the same as cabbages. For early spring use, sow in August and September and protect during winter.

One ounce will sow about 100 feet of drill

Dwarf Green Curled Scotch. The leaves are bright green, tender, and beautifully curled. One of the best grown. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts.; lb. $1.50.

TALL GREEN CURLED SCOTCH. Unusually hardy, growing 2 feet or more in height, with recurved, spreading, deep green, curly leaves. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts.; lb. $1.50.

KOHLRABI

This is a delicious vegetable and should be grown in every garden. The edible portion is the large bulb which forms on a stem above the soil. Boiled, sliced, and served with a cream sauce, it makes a delicious dish. The bulbs should be used when the size of a small apple, as they become woody when very old. For this reason, successive sowings should be made until the middle of August. For very early crop, sow in hotbed and transplant outdoors last of April. For regular crop, sow outdoors about April 15, in drills 2 feet apart and cover seed with ½inch of soil. When well up, thin out to 8 inches apart in a row.

One ounce of seed will sow 100 feet of drill

EARLY WHITE VIENNA. The best for early and main crop; flesh white. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 75 cts.

EARLY PURPLE VIENNA. Bluish purple; flesh white. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 75 cts.

LETTUCE

Seed for the first outdoor crop is usually sown in hotbeds in February or March, and the seedlings transplanted to the garden in April, 8 to 12 inches apart, in rows 1½ feet apart. For a succession until frost, sow in drills in the open ground at intervals of two or three weeks, and thin the plants to stand 8 inches apart. For plants to force in hotbeds from November until spring, sow seed in hotbeds in the fall.

One ounce of seed should produce about 2,500 plants

Big Boston Lettuce

CABBAGE or HEADING VARIETIES

Allheart. One of the best for spring or summer use; large heads, decided buttery flavor. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 75 cts.

Big Boston. This is a fine forcing variety for coldframes during the winter months, as it produces heads of very large size and succeeds better in a cooler temperature than most forcing strains. It heads well also in the open ground during cool weather of spring and fall. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 75 cts.

Big Boston (Improved). By far the most heat-resisting sort of this type. The plants are of a uniformly darker shade of green, grow more compactly and stand several days longer before running to seed than other strains of Big Boston. Pkt. 10 cts.; oz. 30 cts.; ¼lb. 90 cts.

BOSTON MARKET. A well-known forcing sort, producing solid heads of medium light green leaves, crisp and compact. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 75 cts.

CALIFORNIA CREAM BUTTER (Royal Summer Cabbage). One of the best summer varieties; forms fine, large, solid heads of excellent quality. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 75 cts.

Cos or Romaine Lettuce

ICEBERG. A beautiful Lettuce, with large, curly leaves of a bright light green, with a very slight reddish tinge at the edges. Handsome heads, unusually solid because of the natural tendency of the large, strong leaves to turn in, which also causes thorough blanching. Crisp, tender, and fine flavor. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 75 cts.

May King. This handsome, extremely early, compact-heading Lettuce is very fine for forcing use. Heads medium-sized and of excellent quality. Outer leaves light yellowish green, tinged reddish brown when mature. Hearts blanch to golden yellow, tender and buttery. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 75c.

MIGNONETTE. Small, compact heads; leaves slightly curled; edges tinted brown. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 75 cts.

New York or Wonderful. The color is dark green, with white interior; the heads are large, with curled outer leaves. Popular kind for summer. Pkt. 10 cts.; oz. 30 cts.; ¼lb. 90 cts.

Salamander. A variety which stands the hot weather remarkably well. Salamander forms a large, compact, light green plant, the broad, thick, somewhat crumpled and closely overlapping leaves blanching the inner ones to perfection. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 75 cts.

UNRIVALED. A popular sort for coldframes and for early spring and fall planting. Resembles Big Boston, but does not turn red. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 75 cts.

WAYAHEAD. The earliest and surest heading of all early Lettuce. Outer leaves are light green; heart is a rich buttery yellow. Pkt. 10 cts.; oz. 30 cts.; ¼lb. 90 cts.

COS or ROMAINE LETTUCE

A distinct, upright-growing type of Lettuce. The long, narrow leaves need to be tied rather loosely together several days before they are cut for use.

TRIANON COS or ROMAINE. A self-blanching Cos Lettuce, very crisp and tender, and of excellent flavor. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 75 cts.

KINGSHOLM COS. Forms long, firm, upright plants with narrow leaves which are crisp and refreshing, withstanding the summer heat. Light green in color and a very reliable variety for late use. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 75 cts.

CURLED or CUTTING LETTUCE

This type does not form compact heads, but large masses of curly, crisp leaves, which are practically everbearing, as the plants keep growing after leaves are picked.

EARLY CURLED SIMPSON. A splendid curly-leaved sort; loose heads and very tender. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts.

GRAND RAPIDS. Produces crisp, tender green leaves, richly curled. Superb for forcing or outdoor culture. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts.

BLACK-SEEDED SIMPSON. One of the best of the loose-leaved varieties. Withstands heat and drought. Finely fringed leaves. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts.

LEEK

A splendid vegetable for flavoring soups and stews; used in the same manner as onions, but of a milder and more agreeable flavor. Leek is hardy and easily cultivated. Sow very early in the spring, in drills 6 inches apart; thin out to 2 inches apart in the row. Draw earth up as they grow.

GIANT CARENTAN. The favorite market variety. Large thick stem; mild flavor. Pkt. 10 cts.; ½oz. 20 cts.; oz. 30 cts.; ¼lb. $1.

Prizetaker. (Imported seed.) Of immense size, thick, pure white stems, and green, narrow, erect leaves; mild and very tender. Pkt. 15 cts.; ½oz. 30 cts.; oz. 50 cts.

SELECTED MUSSELBURGH. (Imported seed.) A splendid selection of this popular variety; grows to large size, and is recommended for exhibition. Pkt. 15 cts.; ½oz. 30 cts.; oz. 50 cts.

Prizetaker Leek

MUSKMELON

Melons do best in a light or sandy soil, but with a little labor in preparing hills they can be grown in almost any warm, sunny location. Make hills 5 feet apart each way, putting two or three shovelfuls of well-rotted manure in each hill; pack it down tight, cover it with 3 inches of fine loose soil, making hills 1 foot in diameter. When the weather is quite warm, scatter ten to fifteen seeds thinly over the surface of the freshly made hills and cover with ½inch of fine soil. When the young plants are well established, thin out to the best three plants.

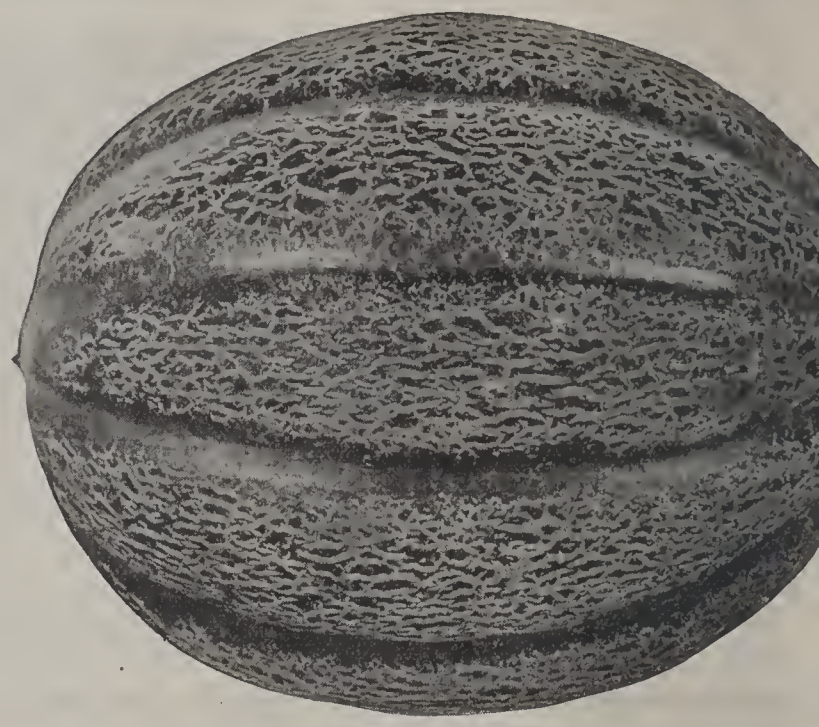
One ounce will plant about 50 hills; 2 to 3 pounds for an acre

Emerald Gem. A splendid early variety, coming in just ahead of Rocky Ford; flesh very thick, of a deep, rich salmon color. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts.

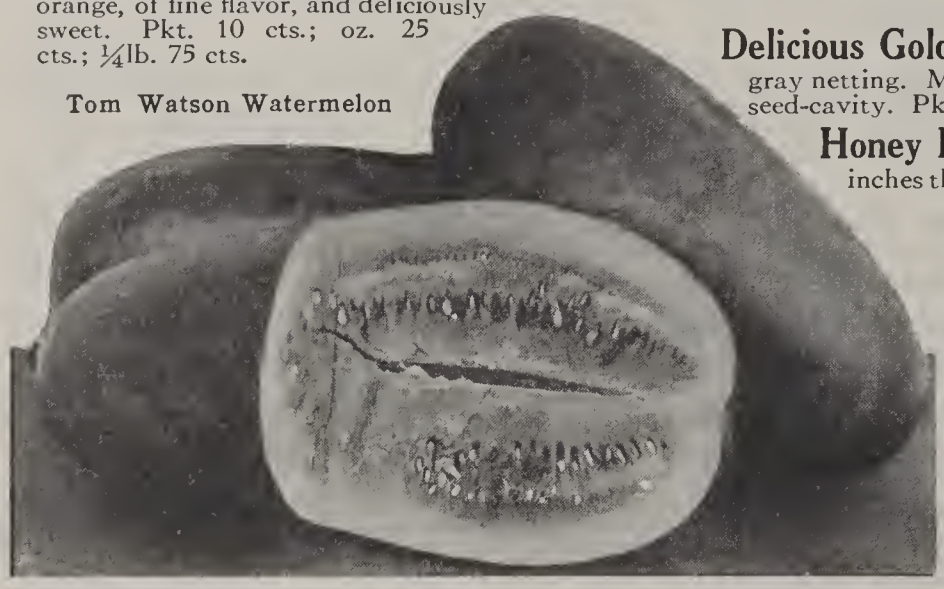
Hale's Best. Slightly larger and two weeks earlier than the standard Rocky Ford. It is pink-fleshed clear to the rind, which is well ribbed and netted. The flesh is very thick, with only a small seed-cavity, and of excellent quality, being sweet and musky. A very prolific melon and a valuable strain for both the commercial and also the home-garden. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 75 cts.

HEARTS OF GOLD or IMPROVED HOODOO. An orange-fleshed melon of medium size. Fine for the home-garden as a midseason sort, also ideal as a shipping melon, as the rind, although thin, is very firm and is covered with dense, fine netting. Vines are vigorous and resist blight well. Fruits are uniform, medium in size, nearly round. The flesh is thick, firm, highly colored and delicious. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts.

BENDER'S SURPRISE. A large melon of merit. Fruits round to oval in shape, heavily ribbed and closely netted. Flesh is thick, very firm, deep orange, of fine flavor, and deliciously sweet. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 75 cts.



Delicious Gold-Lined Muskmelon



Tom Watson Watermelon

Delicious Gold-Lined. Small, spherical fruits, uniform in shape and size, smooth, showing no ribs and covered with a dense, gray netting. Meat thick and sweet, green with a golden salmon lining next the seed-cavity. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 75 cts.

Honey Dew. The fruit weighs eight to ten pounds each, and the rind is perfectly smooth and cream-colored. Flesh from 1½ to 2 inches thick, light green, very sweet and juicy. Pkt. 10c.; oz. 25c.; ¼lb. 75c.

FORDHOOK. The flesh is orange color, solid, firm, and delicious in flavor. The fruits begin to set close to the hill and the vigorous vines keep on producing all season. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts.

EXTRA-EARLY HACKENSACK. Early; almost globular fruit, which is heavily ribbed, netted; thick, light green flesh of fine flavor. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts.

ROCKY FORD or GOLDEN GEM. Oval-shaped; thick-meated; flesh light green in color, and uniformly fine; luscious flavor; skin ribbed and thickly netted. Pkt. 10c.; oz. 20c.; ¼lb. 60c.

ENGLISH FORCING MELONS

These can be grown successfully in hotbeds. Sow seeds in pots in March and transplant to hotbed when three leaves have developed. Fruits ripen in June and July. **Blenheim Orange, Royal Sovereign, Superlative, Windsor Castle.** Each, pkt. 25 cts.

WATERMELON

One ounce will plant about 30 hills; 4 to 5 pounds for an acre

Cultivate same as muskmelons, except that the hills should be 8 feet apart.

Tom Watson. A large, long melon with dark green rind and light crimson flesh which is of excellent quality. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 45 cts.

FORDHOOK EARLY. Extra early; large, nearly round; skin tough; flesh red and very sweet. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 45 cts.

ALABAMA SWEET. A large and attractive melon, oblong in shape. Color dark green; flesh remarkably firm and of luscious flavor. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 45 cts.

COLE'S EARLY. A most delicious and productive variety for the family garden, succeeding in northern states, where melons were never matured before. The flesh is of a beautiful bright red color, crisp and extremely delicate in texture. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 45 cts.

Dixie. The fruits are large, oblong in form, from 20 inches to 2 feet in length; skin dark green with stripes of lighter shade; bright red flesh of excellent quality. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 45 cts.

HALBERT HONEY. A variety somewhat similar to Kleckley Sweets—of much darker color. The vines are very prolific and usually bear four and five very uniform melons—quality the highest. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 45 cts.

COLORADO PRESERVING CITRON. Excellent for making preserves. Pkt. 10 cts.; oz 15 cts.; ¼lb. 45 cts.

MUSHROOM SPAWN

WATERER'S PURE "SPORE" CULTURE SPAWN. Made in bottles that have been sterilized, as well as all material used. The pure spawn is wrapped in paper with full directions how to grow Mushrooms, packed in cartons. One carton equals five bricks of ordinary spawn. Prices: One carton, $1; 12 cartons, $10.75.

PURE CULTURE SPAWN. The spawn which has given universal satisfaction. Per brick, 35 cts.; 5 bricks, $1.50; 10 bricks, $2.75; 25 bricks, $6.50; 50 bricks, $12.50.

MUSHROOM or HOTBED THERMOMETERS. Heavy Brass Point style, $2.75 each.

MUSTARD

One ounce will sow about 75 feet of drill

The young and tender leaves of the Mustard are greatly relished as salads, or when cooked like spinach. Sown in shallow drills as early as the ground can be prepared.

WHITE LONDON. Leaves used for salads or greens when young. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 45 cts.

GIANT SOUTHERN CURLED. The plant grows 3 feet tall, and the broad, succulent leaves are cut and frilled. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts.

Mushrooms

CHOICE ONION SEED AND SETS

Sow in rich soil, in drills 1 foot apart, as soon as the ground can be worked in the spring; thin out to 2 to 3 inches apart in the row, carefully keeping down the weeds. The finest Onions are produced by sowing the seed in a hotbed in February or March, and transplanting the seedlings to the open ground, 3 to 4 inches apart, in April. For sets, sow the seeds as early as possible in the spring, very thickly, in drills; as soon as the tops die off in summer, remove them to a dry, airy place and early in the following spring replant by placing the sets in shallow drills, 1 foot apart, and 2 inches apart in the drills.

One ounce will sow 100 feet of drill; 5 to 6 pounds for an acre

Ailsa Craig. The largest and heaviest cropping Onion, and a splendid keeper. Unrivaled in perfection of form, size, and weight; mild in flavor; outside skin of light straw color. It is a favorite variety for exhibition purposes. Pkt. 10 cts.; ½oz. 20 cts.; oz. 30 cts.; ¼lb. 90 cts.

AILSA CRAIG. (English-grown.) Extra-selected stock. Pkt. 15 cts.; ½oz. 30 cts.; oz. 50 cts.; ¼lb. $1.75.

Prizetaker. Grows uniform in shape and is of immense size, measuring from 12 to 16 inches in circumference, while under special cultivation specimen bulbs have been raised to weigh two pounds each. Its pure white flesh is fine-grained, mild, and delicate in flavor. Pkt. 10c.; ½oz. 20c.; oz. 30c.; ¼lb. 90c.

Southport Yellow Globe. It is entirely distinct from the Danvers type, being somewhat more pointed at each end. The outer skin is pale yellow; flesh white and mild in flavor. Quite productive, very hardy, and keeps a long time in good condition after pulling. Pkt. 10 cts.; ½oz. 20 cts.; oz. 30 cts.; ¼lb. 90 cts.

Prizetaker Onion

Silverskin Onions

Yellow Globe Danvers. Of more globular shape than the preceding, producing well-rounded bulbs about 2½ inches in diameter; skin light golden yellow; flesh white, crisp and mild in flavor. One of the best known Onions, and one of the best for general crop. An excellent keeper. Pkt. 10 cts.; ½oz. 20 cts.; oz. 30 cts.; ¼lb. 90 cts.

YELLOW STRASBURG. Similar to the Yellow Danvers, but bulbs rather more flattened and skin darker. The Onions ripen early, with pure white flesh of mild flavor. It is one of the best to grow for sets, and is a splendid keeper. Pkt. 10 cts.; ½oz. 20 cts.; oz. 30 cts.; ¼lb. 90 cts.

Southport White Globe. An enormous yielder and superb keeper. Perfect globe-shaped, very large; clear white skin. Considered one of the handsomest varieties grown. Pkt. 10 cts.; ½oz. 20 cts.; oz. 35 cts.; ¼lb. $1.

WHITE PORTUGAL or SILVERSKIN. Largely grown for sets. Bulbs large, with silvery white skin and white flesh; mild-flavored, and excellent for family use and for pickling. Pkt. 10 cts.; ½oz. 20 cts.; oz. 30 cts.; ¼lb. 90 cts.

WHITE BARLETTA. An excellent pickling variety. Pkt. 10 cts.; ½oz. 25 cts.; oz. 40 cts.; ¼lb. $1.20.

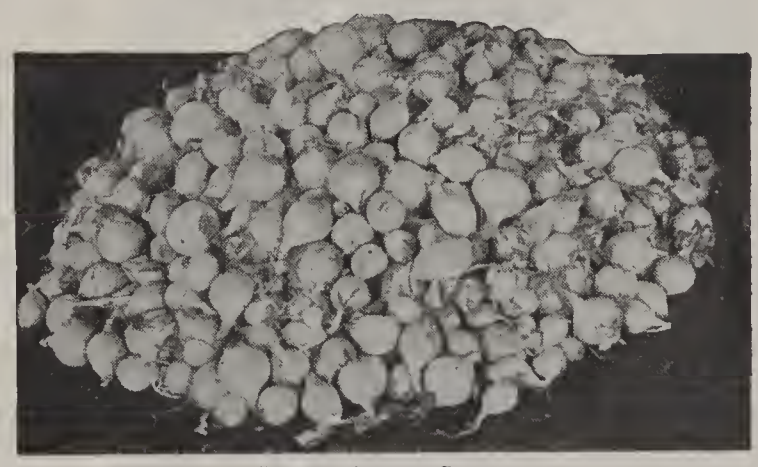
SOUTHPORT RED GLOBE. This excellent medium-early or main-crop Onion produces medium to large-sized, perfect globe-shaped bulbs of deep purplish red color. Flesh is white, tinged with light purple, fairly mild, fine-grained, and tender. One of the best keepers. Pkt. 10 cts.; ½oz. 20 cts.; oz. 35 cts.; ¼lb. $1.

SWEET SPANISH. (Riverside Strain.) This finely bred strain is steadily increasing in popularity, due to large size, attractive golden yellow skin, and very mild white flesh of pleasing flavor. The globe-shaped bulbs often weigh 2 pounds. Pkt. 10 cts.; ½oz. 20 cts.; oz. 35 cts.; ¼lb. $1.

ONION SETS

Plant in rows 1 foot apart, with sets 2 inches apart in the row.

One pound will plant about 50 feet of row	Lb.	10 lbs.
White	$0 30	$2 50
Yellow	25	2 00
Red	30	2 50



White Onion Sets

OKRA or GUMBO

This vegetable is extensively grown for its green pods, which are used in soups, stews, etc. Sow the seed thickly in rich ground about the middle of May, or when the ground has become warm, in drills 3 feet apart, 1 inch deep; thin to 10 inches apart in drills.

Okra

IMPROVED DWARF GREEN. Very productive; bears large pods which remain tender a long time. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts.; lb. $1.

WHITE VELVET. Pods large, very light green, smooth. An abundant bearer of superior quality. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts.; lb. $1.

PERKINS' LONG-POD. Produces pods 4 to 5 inches long in great abundance. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts.; lb. $1.

LAWN GRASS SEED
If you desire a perfect lawn, use our "Homebush" Lawn Grass Mixture. See page 3.

ALL PRICES SUBJECT TO MARKET CHANGES

PARSLEY

Because of its pleasant flavor, the leaves of Parsley are used extensively as a garnish with other vegetables, either in cooked dishes or salads. Parsley seed germinates very slowly. For outdoor growing, soak the seed in warm water for a few hours. Sow thickly, in rows 1 foot apart and ½inch deep, pressing down well after sowing. When well up, thin to 3 to 4 inches apart.

Waterer's Triple Curled. Dwarf; dark green; densely curled. The finest Parsley for garnishing. Pkt. 10 cts.; oz. 35 cts.; ¼lb. $1.

CHAMPION MOSS CURLED. The leaves are not so heavy in appearance as our Triple Curled, but are also very finely curled, and excellent for garnishing. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 45 cts.

PLAIN or SINGLE. Leaves flat, deeply cut, but not curled, dark green and very hardy. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 45 cts.

Hollow-Crown Parsnips

TURNIP-ROOTED or HAMBURG. The fleshy root is used for flavoring soups, stews, etc. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 45 cts.

PARSNIP

Sow as early in the spring as the weather will admit in drills 1½ feet apart and ½inch deep in a rich deep soil; thin out 4 inches apart in the rows. In the late fall, before the ground freezes, remove enough roots for winter use to the root cellar and pack in sand. The remaining Parsnips can be left in the ground through the winter for use in the early spring.

One ounce will sow 100 feet of drill; 5 to 6 pounds for an acre

Large Sugar or Hollow-Crown. The roots are smooth, uniform in shape, tapering evenly from a heavy shoulder down to a small root, tender and of best quality. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 45 cts.; lb. $1.25.

California Wonder Pepper

PEPPER

Sow in hotbeds in March or April, and when the season is favorable, transplant in rows 2 feet apart and 1½ feet apart in row, in rich, good ground.

California Wonder. This new variety resembles Chinese Giant in shape, but has much thicker flesh. The fruit will average 4 inches in diameter at the top, tapering slightly. It matures its fruit somewhat earlier than Chinese Giant and is very prolific. Color glossy dark green, turning to crimson. Pkt. 15 cts.; ½oz. 35 cts.; oz. 60 cts.

World Beater. A strong, vigorous grower and very prolific. The fruit is a beautiful scarlet in color and exceedingly mild. The flesh is thick and firm. Pkt. 10 cts.; ½oz. 35 cts.; oz. 60 cts.

Early Giant (Harris). Earliest of all large, fruitful sorts, of vigorous growth; enormous, deep green Peppers turning to brilliant red; thick flesh of sweet and pleasant flavor. Pkt. 15 cts.; ½oz. 40 cts.; oz. 75 cts.

GOLDEN DAWN. The Peppers are green when young and a beautiful golden yellow when ripe, of fine shape and sweet flavor. Early and productive. Pkt. 10 cts.; ½oz. 35 cts.; oz. 60 cts.

PIMIENTO. Used extensively for salads. It is thick-meated, of mild flavor, brilliant red in flesh, and very productive. Pkt. 10 cts.; ½oz. 30 cts.; oz. 50 cts.

NEAPOLITAN. The earliest of all large mild red Peppers; skin and flesh bright red. Pkt. 10 cts.; ½oz. 30 cts.; oz. 50 cts.

Large Bell or Bullnose. Large, early variety; mild flavor; thick and fleshy. Pkt. 10 cts.; ½oz. 25 cts.; oz. 45 cts.

Chinese Giant. The largest mild red Pepper. The flesh is quite thick, very mild and remarkably sweet. Late but productive. Pkt. 15 cts.; ½oz. 40 cts.; oz. 75 cts.

RUBY GIANT. A variety which is a very desirable size and shape for stuffing. Pkt. 10 cts.; ½oz. 30 cts.; oz. 50 cts.

RUBY KING. A popular, large-fruiting variety; very thick flesh of fine, mild flavor. Pkt. 10 cts.; ½oz. 30 cts.; oz. 50 cts.

LONG RED CAYENNE. The pods are long and slender, bright red, and very pungent. Pkt. 10 cts.; ½oz. 30 cts.; oz. 50 cts.

RED CHILI. Red, conical pods, about 2 inches long; very hot and prolific. Pkt. 15 cts.; ½oz. 40 cts.; oz. 75 cts.

PUMPKIN

Sow in good soil in May, when the ground has become warm, **in hills 8 or 10 feet apart** each way, or in fields of corn about every fourth hill.

Sugar or New England Pie. A fine pie Pumpkin. Small, but very sweet; fine-grained, and of the best quality. The skin is deep orange, and flesh rich yellow. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts.; lb. $1.50.

Winter Luxury. Golden yellow, finely netted; shape round; flesh very rich. Unequaled as a winter keeper, and one of the best for pies. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts.; lb. $1.50.

TENNESSEE SWEET POTATO. Shape similar to a bell; skin and flesh white, very thick and sweet. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts.; lb. $1.50.

WHITE CUSHAW. A white crookneck variety of excellent quality. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts.; lb. $1.50.

LARGE CHEESE. Flat. One of the best for family use. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 40 cts.; lb. $1.25.

BIG TOM or IMPROVED LARGE FIELD. Very productive; grown largely for feeding stock. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 40 cts.; lb. $1.25.

KING OF THE MAMMOTHS. Grows to an enormous size. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts.; lb. $2.

Sugar Pumpkin

Gradus Peas

GARDEN PEAS

Peas do best in a light, rich loamy soil that has been liberally manured the previous season. Plant the smooth varieties as early as the ground can be worked. The wrinkled Peas are not as hardy as the smooth kinds, and should be planted later; they are, however, sweeter and better flavored. For a succession, plant every two weeks—until June 1—then discontinue until August 1, when the extra-early varieties may be planted for a fall crop. When grown in gardens, sow in double rows 6 to 8 inches apart, the rows 2 to 4 feet apart, the tall ones requiring brush.

INOCULATE THIS SEED WITH STIMUGERM

One pound will plant about 50 feet of drill

EARLY VARIETIES

Early Eight Weeks. As the name indicates, this is one of the very earliest sorts. The vine is very dwarf, growing only 12 to 15 inches in height and is very uniform. The pods, while not large, are well filled with Peas of good quality. This is an exceptionally fine variety for the small kitchen-garden. Lb. 40 cts.; 2 lbs. 75 cts.; 5 lbs. $1.75.

HUNDREDFOLD. It is the best-flavored dwarf-growing sort in existence. It is ready about three days after the earliest sorts, and bears an enormous crop of handsome, intensely dark green, fairly broad and pointed pods, 4 inches long, containing about eight large, dark green Peas of excellent quality. The vines are 16 inches high, sturdy, and resist heat well. Lb. 40 cts.; 2 lbs. 75 cts.; 5 lbs. $1.75.

***Gradus or Prosperity.** Undoubtedly one of the most valuable sorts introduced up to the present time. The vine has heavy stems, with large, light green leaves and grows about 3 feet high. It produces uniformly large pods, measuring from 4 to 4½ inches in length, nearly round and well filled with very large, handsome Peas of the finest flavor; very early, ready for picking after Maud S. is through, and leaves little to be desired. ½lb. 25 cts.; lb. 40 cts.; 2 lbs. 75 cts.; 5 lbs. $1.75.

THOMAS LAXTON. A strong grower and as productive as the well-known Gradus. The pods are of a dark green color, filled with large Peas of superb flavor. 2½ feet. Lb. 40 cts.; 2 lbs. 75 cts.; 5 lbs. $1.75.

NOTT'S EXCELSIOR. Fine, extra-early, dwarf, wrinkled Pea. Foliage dark green and rather heavy, suggesting health and vigor. On good soil grows about 1 foot high. Pods 3 inches long, filled with six large sweet Peas, and all are ready to pick at once. A great yielder. Lb. 40 cts.; 2 lbs. 75 cts.; 5 lbs. $1.75.

***Maud S.** One of the best of the early sorts. Vines are vigorous and produce an abundance of pods, well filled with Peas of superior quality. 2 feet. ½lb. 20 cts.; lb. 35 cts.; 2 lbs. 65 cts.; 5 lbs. $1.50.

EARLIEST OF ALL or ALASKA. A valuable, early round Pea, producing a large number of dark green pods, well filled with delicious Peas of excellent flavor. 2 feet. Lb. 35 cts.; 2 lbs. 65 cts.; 5 lbs. $1.50.

LAXTONIAN. "The Dwarf Gradus." One of the earliest and finest dwarf Peas. The vines are well covered with large even-sized pods; each contains 8 or 9 Peas of the richest flavor. 1½ feet. Lb. 40 cts.; 2 lbs. 75 cts.; 5 lbs. $1.75.

Laxton's Superb. A new, early, semi-wrinkled dwarf Pea, growing about 2 to 2½ feet high and carrying an immense crop of large pods, each containing 9 or 10 Peas of delicious flavor. It may be sown as early in the season as the smooth sorts. Lb. 40 cts.; 2 lbs. 75 cts.; 5 lbs. $1.75.

Laxton's Progress. Improved Laxtonian type, introduced originally from England. Considered by most experts the finest early dwarf wrinkled Pea, averaging 9 or 10 Peas in the pod. Vines grow about 18 inches high. Color dark green. Most productive. Lb. 40 cts.; 2 lbs. 75 cts.; 5 lbs. $1.75.

***LITTLE MARVEL.** A most desirable dwarf early variety. In season this new sort ripens fully as early as American Wonder or Nott's Excelsior, while the pods are larger and the vines produce a much heavier crop. 15 inches. ½lb. 25 cts.; lb. 40 cts.; 2 lbs. 75 cts.; 5 lbs. $1.75.

SUTTON'S EXCELSIOR. A dwarf early Pea, growing about 1½ feet high. Pods large and well filled with deliciously flavored Peas. Ready for picking with Nott's Excelsior. Lb. 40 cts.; 2 lbs. 75 cts.; 5 lbs. $1.75.

EUREKA EXTRA EARLY. 2 feet. Lb. 35 cts.; 2 lbs. 65 cts.; 5 lbs. $1.50.

DANDY EXTRA EARLY. 2 feet. Lb. 35 cts.; 2 lbs. 65 cts.; 5 lbs. $1.50.

FRENCH CANNER (Petit Pois or Small French Pea). Very prolific, with long, slim pods, well filled with extremely small Peas, which should be used when very young. 3 feet. Lb. 40 cts.; 2 lbs. 75 cts.; 5 lbs. $1.75.

Early Eight Weeks Peas

An excellent crop of delicious Peas may be obtained in the fall in this latitude if the seeds of early varieties are planted during August. Should the ground be very dry, soak it thoroughly before planting to aid germination.

Only varieties of Peas marked * can be supplied in ½-lb. packages. Packets of all Peas, 10 cts. each, unless noted.

SECOND-EARLY PEAS

***ABUNDANCE.** Long, round, well-filled pods; six to eight large wrinkled Peas of fine quality. 1½ feet. ½lb. 25 cts.; lb. 40 cts.; 2 lbs. 75 cts.; 5 lbs. $1.75.

LATE or MAIN-CROP PEAS

Alderman. A large-podded, late, wrinkled variety of vigorous growth; very productive; pods 4 to 5 inches long, well filled with large Peas of excellent flavor. 3½ to 4 feet. Lb. 40 cts.; 2 lbs. 75 cts.; 5 lbs. $1.75.

IMPROVED STRATAGEM. The vines are strong, vigorous and covered with immense pods 5 inches in length and containing as high as ten large, richly flavored, wrinkled Peas. Lb. 40 cts.; 2 lbs. 75 cts.; 5 lbs. $1.75.

TELEPHONE. A tall and very robust grower, bearing pods of unusual length, closely filled with Peas of large size and of most delicious flavor. 4 feet. Lb. 40 cts.; 2 lbs. 75 cts.; 5 lbs. $1.75.

DUKE OF ALBANY. One of the largest of all Peas; immense pods; enormously productive. 4 feet. Lb. 40 cts.; 2 lbs. 75 cts.; 5 lbs. $1.75.

***Dwarf Champion.** A dwarf form of the popular Champion of England, with large pods; very productive; finest quality. 2½ feet. ½lb. 25 cts.; lb. 35 cts.; 2 lbs. 65 cts.; 5 lbs. $1.50.

***Quite Content.** This is the largest-podded Pea in existence. It is exceedingly prolific, and the pods, 5 to 6½ inches in length, hang mostly in pairs, and are closely filled with large sweet Peas. One of the very best of the main-crop varieties. 5 feet. ½lb. 25 cts.; lb. 45 cts.; 2 lbs. 85 cts.

CARTER'S DAISY or DWARF TELEPHONE. Pods large, well filled, often containing ten Peas of the largest size. 2 feet. Lb. 40 cts.; 2 lbs. 75 cts.; 5 lbs. $1.75.

CHAMPION OF ENGLAND. A well-known standard variety; fine flavored and an abundant cropper. 5 feet. Lb. 35 cts.; 2 lbs. 65 cts.; 5 lbs. $1.50.

***DWARF DEFIANCE** (Potlach). A splendid large-podded variety of the Stratagem type. Pods 5 inches long, containing eight to ten very large, medium light green Peas of high quality. A superb, productive main-crop sort. 2 feet. ½lb. 25 cts.; lb. 40 cts.; 2 lbs. 75 cts.; 5 lbs. $1.75.

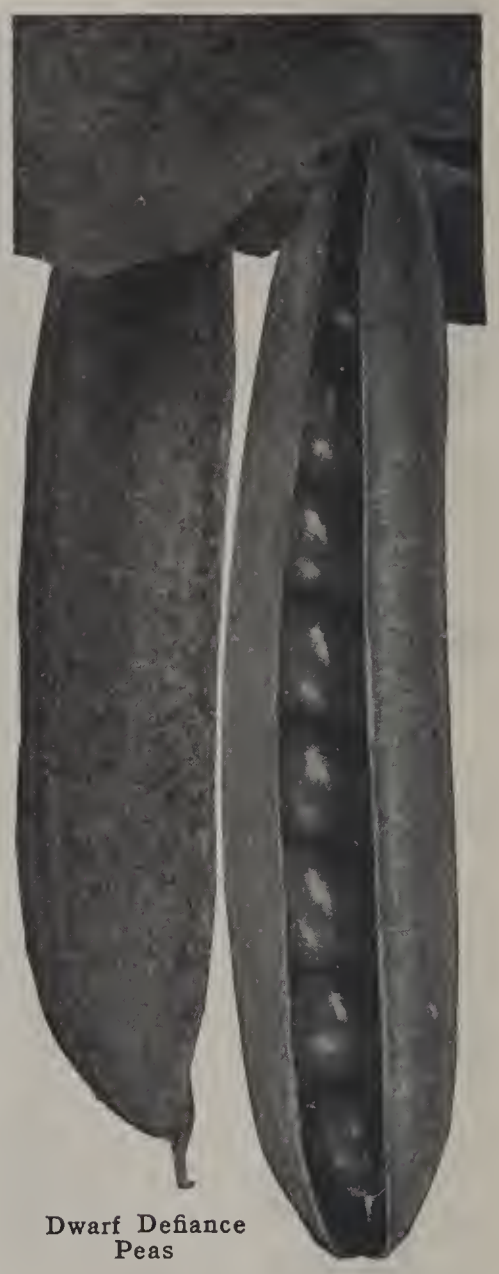
SUGAR or EDIBLE-PODDED PEAS

These varieties have all the sweetness and flavor of fresh green Peas, but when the pods are partly filled they are prepared like snap beans.

MELTING SUGAR. One of the best of the edible-podded varieties, with large, broad pods which when young are stringless, very tender, and richly flavored. 4 feet. Lb. 45 cts.; 2 lbs. 85 cts.; 5 lbs. $2.

DWARF GRAY-SEEDED SUGAR. A prolific variety for home-gardens. Pods light green. 1½ feet. Lb. 40 cts.; 2 lbs. 75 cts.; 5 lbs. $1.75.

Packets of all varieties of Peas, 10 cts. each, unless noted



Dwarf Defiance Peas

CHOICE SEED POTATOES

(CERTIFIED STOCK)

By planting our northern-grown Seed Potatoes you are assured of early maturity, increased yield, and a vigorous growth. Plant in early spring, in rows 3 feet apart, 15 to 18 inches apart in row. Cultivate constantly and thoroughly, finally ridging the loose soil against the rows. A second or later spring planting is often made. Store in frostproof cellar in winter. Our Potatoes are all specially raised for seed purposes, true to name, and are exceptionally fine in quality.

One peck will plant 100 hills; 10 to 12 bushels for an acre

Prices for Potatoes on application

IRISH COBBLER. The most popular and largely planted early Potato. Round, pure white, extra early and of the best quality. Grows uniformly large, there being fewer small Potatoes than in any other early kind. There are a great many Potatoes being sold for Irish Cobbler that are not that variety at all, or are badly mixed with other kinds. We have some very fine seed of the genuine Irish Cobbler.

Irish Cobbler Potatoes

EARLY ROSE. The popular standard early variety; uniform in size and very productive.

RUSSET. It is an exceptionally heavy yielder, of the very best table quality, and with smooth, velvety, russet skin and shallow eyes. No Potato can surpass it in uniform and handsome appearance. It is very fine-grained, cooks as white as flour, and is of splendid flavor; an excellent keeper and retains its good eating qualities until late in the spring. Its great productiveness, handsome color, and resistance to diseases make it a very popular Potato.

GREEN MOUNTAIN or IMPROVED STATE OF MAINE. A large, oval, and slightly flattened pure white variety; medium early; very productive; good flavor; cooks dry; a good keeper. One of the very best varieties for fall and winter use.

JERSEY RED SKIN. Plantings are made of this variety from July until August. They are good keepers and are most excellent for table purposes, especially in the late winter and early spring. It is a most valuable addition to the Potato crop.

There is a wonderful difference between the crops obtained from high-grade Seed Potatoes free from disease, and from common Potatoes used for seed. The increase from the use of good seed is often over 100 bushels per acre. The cost for seed may be $8.00 to $10.00 per acre more, but that is nothing compared with the greater value of the crop.

Cardinal or Scarlet Globe Radishes

RADISHES

Sow as soon as the ground is dry in the spring, in rows 8 to 12 inches apart, and ½inch deep, every week to ten days for a succession up to the middle of June, after which they are but little used unless a cool northern spot can be had, where the ground is shaded during a part of the day. They should be sown in light, rich soil, as a crisp Radish cannot be produced in heavy soils. Sow also in early fall for late crops and winter use. Radishes should be eaten when quite small; it is a mistake to let them grow too long and too large. This applies particularly to the French Breakfast and small turnip-shaped sorts.

One ounce will sow 100 feet of drill; 10 pounds to the acre

Cardinal or Scarlet Globe. An excellent variety for forcing or outdoor culture; brilliant scarlet; fine globe shape, with small top; very crisp and tender. Early and of excellent quality. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts.; lb. $1.50.

Sparkler. Brilliant scarlet with a very pronounced white tip. It wins by appearance alone. But to this must also be added its sparkling white, solid, crisp flesh and mild sweet flavor. It is desirable both for forcing and garden culture. Foliage small. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts.; lb. $1.50.

EARLY SCARLET TURNIP. A valuable variety for forcing or outdoor culture. Is a small, turnip-shaped variety, and in color entirely crimson. Quick growing, very early. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 40 cts.; lb. $1.25.

Scarlet Turnip White-Tipped. A favorite with market-gardeners for outdoor planting, also for home-garden; matures very early; turnip-shaped; scarlet with distinct white tip; fine quality; crisp and tender. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 40 cts.; lb. $1.25.

CRIMSON GIANT. For forcing or outdoor planting. Although twice the size of other forcing sorts, this does not get pithy or hollow. The skin is crimson; flesh is white, tender, crisp, and sweet-flavored. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 40 cts.; lb. $1.25.

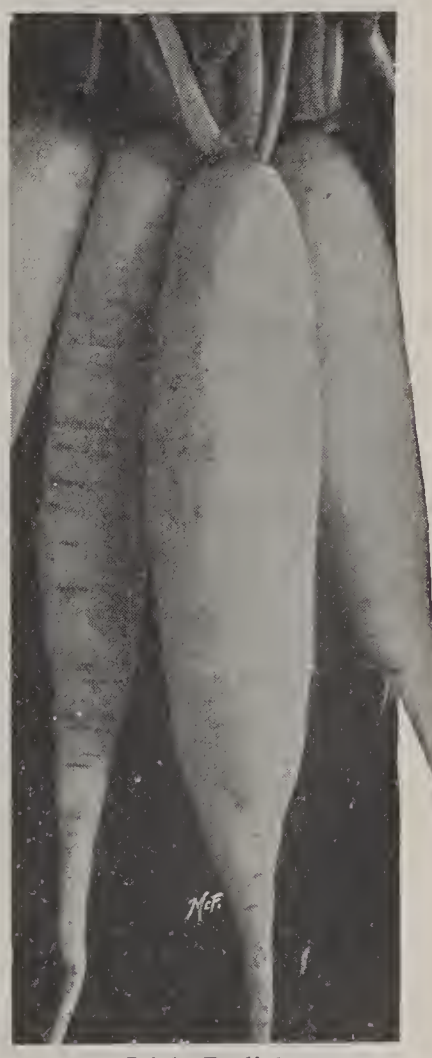
PHILADELPHIA WHITE BOX. Popular in the vicinity of Philadelphia, and used more than any other sort. It matures early; root round, slightly flattened; white; top medium. It is grown both under sash and outdoors. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 40 cts.; lb. $1.25.

EARLIEST WHITE or WHITE ROCKET. Earliest of all Radishes. Matures in eighteen to twenty days after sowing. Oval shape; small root and top; flesh white, tender, and crisp. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 40 cts.; lb. $1.25.

Long White Icicle. This is the most beautiful of the early long white varieties; of a pearly white color; fine for either forcing or outdoor culture; of slender form. One of the best for private gardens; tender, crisp, and of delicate flavor. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 40 cts.; lb. $1.25.

FRENCH BREAKFAST. Of quick growth; very mild and tender; of an oval form; scarlet, tipped with white. One of the best real early sorts for home-garden. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 40 cts.; lb. $1.25.

French Breakfast Radishes



Icicle Radishes

LONG SCARLET SHORT TOP. The roots grow 5 to 6 inches long, straight, smooth and of a bright rich scarlet color; the flesh is crisp and tender. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 40 cts.; lb. $1.25.

WINTER VARIETIES

Do not sow these until the latter part of June.

CHINA ROSE or SCARLET CHINA. One of the most popular fall and winter sorts. Roots about 6 inches long; skin smooth and of a bright rose color; flesh very firm and crisp. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 40 cts.

WHITE CHINESE or CELESTIAL. The finest of all extra-large white winter Radishes; the flesh is always crisp, mild, and juicy. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 40 cts.

LONG BLACK WINTER. One of the hardiest and best for winter use. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 40 cts.

ROUND BLACK WINTER. Similar to Long Black Winter, except in shape. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 40 cts.

SORREL

Sorrel is used as greens like spinach. Mixed with spinach, it adds a delicious flavor to it. Also extensively used in French cookery. Sow in shallow drills in April. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts.

REFER TO PAGES 2 AND 3 IF YOU DESIRE A PERFECT LAWN

King of Denmark Spinach

SALSIFY or VEGETABLE OYSTER

Salsify will grow in any good garden soil. Sow as early as the ground can be worked, in drills 1 foot apart, 1 inch deep, and thin out to 6 inches in the row. Use an ounce of seed to a 60-foot row; keep the plants free from weeds. A part of the crop may be left in the ground till spring, when it will be found fresh and plump.

Mammoth Sandwich Island. This is the largest and most profitable Salsify now in cultivation. Pkt. 10 cts.; oz. 30 cts.; ¼lb. 85 cts.; lb. $3.

SPINACH

Sow early in spring, in drills a foot apart, every two weeks for a succession; for fall use sow in August; and for winter crop, in September. Cover that which is left out over winter with straw or leaves after the weather becomes quite cold.

One ounce will sow 100 feet of drill; 10 to 12 pounds for an acre in drills

Bloomsdale Savoy-Leaved. The hardiest variety and the best for early spring and fall sowing. Curled and crimped, thick, fleshy leaves. Oz. 10 cts.; ¼lb. 25 cts.; lb. 60 cts.; 5 lbs. $2.75.

VIRGINIA BLIGHT-RESISTANT. A distinct strain of American origin selected and propagated from plants that showed a blight-resisting vigor under conditions where ordinary strains of seed could not be successfully grown. Oz. 10 cts.; ¼lb. 25 cts.; lb. 60 cts.; 5 lbs. $2.75.

KING OF DENMARK. This variety is superior to all others for spring planting, as it continues to grow and hold its fine quality for weeks after the other sorts have gone to seed. Makes a quick and low growth, producing an abundance of dark green leaves of large size and very much crumpled. It is ready for use as soon as other varieties, and the leaves hold up remarkably well after being cut. Oz. 10 cts.; ¼lb. 25 cts.; lb. 60 cts.; 5 lbs. $2.75.

Victoria. Leaves of fine texture, deepest green color, heavily crimped, thick, fleshy, good quality. The plants remain in good condition for a long time. Oz. 10 cts.; ¼lb. 25 cts.; lb. 60 cts.; 5 lbs. $2.75.

LONG SEASON. An excellent second-early variety with small plants growing close to the ground, very dark green, thick, somewhat crumpled leaves—almost as crumpled as the Savoy-leaved—and short, fleshy stems. Oz. 10 cts.; ¼lb. 25 cts.; lb. 60 cts.; 5 lbs. $2.75.

PRICKLY or FALL. An exceedingly hardy variety, adapted for fall sowing. Oz. 10 cts.; ¼lb. 25 cts.; lb. 60 cts.

NEW ZEALAND. Entirely different from the true Spinach in type in that it thrives during the hot weather in any soil, rich or poor. The tender shoots are of good quality and may be cut throughout the summer. Plant three or four seeds in a hill, 2 feet apart each way. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts.; lb. $1.

PERPETUAL. A valuable plant, producing green leaves in abundance close to the ground. As soon as one gathering has been made, fresh leaves appear, and a constant supply of Spinach is kept up throughout the summer and autumn. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 75 cts.; lb. $2.25.

SQUASH

Plant after weather has become firmly settled and the ground is warm and dry, in hills 5 to 6 feet apart for bush varieties, and 6 to 8 feet apart for running varieties. Hills should be thoroughly manured. Slightly elevate the hills and place seven or eight seeds in each, finally leaving but three plants. Press the seeds down firmly before covering, and cover early planted ones 1 inch deep, and late ones 1½ inches.

One ounce will plant 25 hills; 4 to 6 pounds for an acre

EARLY VARIETIES

Early White Bush (Patty Pan). The flat, patty-pan-shaped fruits are 6 to 8 inches in diameter and ready for use very early in the summer. They should be eaten when young and tender. Of true bush form and very productive. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts.; lb. $1.50.

MAMMOTH WHITE BUSH. Of round, scalloped form, with an ivory-white skin. This variety has an abundance of meat of very fine flavor. Very prolific, bearing until killed by frost. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts.; lb. $1.50.

MAMMOTH YELLOW BUSH or GOLDEN CUSTARD. This is identical with the Mammoth White Bush, but the fruits are larger and have a rich, golden orange skin, as well as rich, creamy yellow flesh. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 40 cts.; lb. $1.35.

MAMMOTH BUSH SUMMER CROOKNECK. Early and of extra-fine quality; orange-yellow in color. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts.; lb. $1.50.

COCOZELLE or ITALIAN VEGETABLE MARROW. The fruits are oblong, 1 foot or more in length, and 4 to 5 inches in diameter; skin dark green, marbled with yellow and with lighter green stripes. The flesh is fine-grained, tender, and of excellent flavor. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts.

VEGETABLE MARROW (Bush). A delicious English sort. Skin creamy white; flesh white, soft, and of rich flavor. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 75 cts.

VEGETABLE MARROW (Trailing). The English Squash. Cream color, with white flesh. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 75 cts.

Our list of Garden Tools, Fertilizers and Insecticides is very complete. Pages 104 to 118

Lawn Mowers for every lawn. Page 103

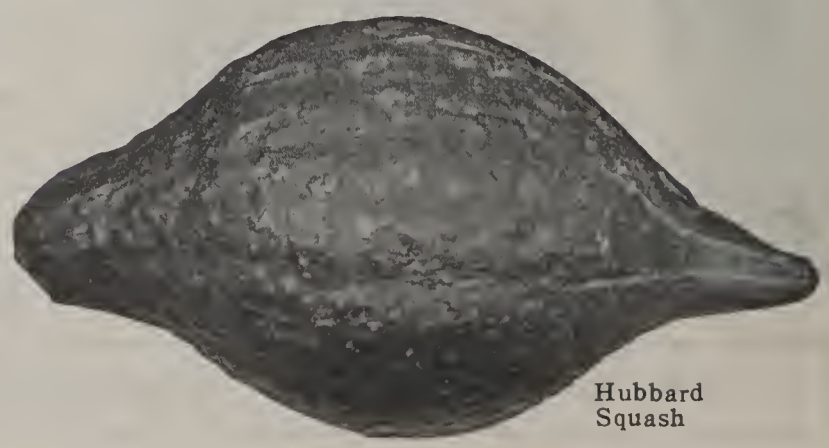
FALL AND WINTER VARIETIES

Boston Marrow. An excellent Squash, and one of the first to ripen. Fruit is of good size, deep orange-yellow, and with thick yellow flesh. Largely used for canning and making pies, for which it is very fine. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 40 cts.; lb. $1.35.

DELICIOUS. A fall and winter Squash of medium size, top-shape in form, and dark green; flesh orange, very dry and delicious. Usually weighs between five and ten pounds. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts.; lb. $1.50.

Hubbard. The standard winter Squash. It is of good size, often weighing 9 to 15 pounds. Flesh fine-grained, sweet, of excellent flavor, rich orange-yellow. Has a very hard shell and will keep until spring. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts.; lb. $1.50.

GOLDEN HUBBARD. A deep orange-yellow; fine-grained and sweet. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts.; lb. $1.50.



Hubbard Squash

Bonny Best Tomato

TOMATOES

Sow thinly about the first week in March in a hotbed, greenhouse, or window, where the temperature is never below 60 degrees. When 2 inches high, set out the plants in boxes about 4 inches apart, or pot singly. After all danger of frost is past they may be transferred to the open ground. Set them deep, 4 feet apart, and a shovelful of rotted manure should be mixed in the earth of each hill. If the vines are trained on trellis, the fruit will be finer and larger.

Pritchard **or SCARLET TOPPER.** A scarlet self-topping, disease-resistant variety originated by the late Dr. F. J. Pritchard of the U. S. Department of Agriculture in 1931. Resulting from crossing Marglobe and Cooper's Special, it inherited fine qualities from each parent. Fruits are of good size, smooth, globular, extremely solid and heavy with thick walls and of deep scarlet color. It is uniformly fruited, exceedingly productive, and borne in clusters. Pkt. 15c; ½oz. 35c; oz. 60c.

Penn State. *New.* Originated by Penn State College of Agriculture. Special Mention, All-America 1936 Seed Selections. The fruit is of medium size, rather globular, and has a rich, uniform scarlet color. Flesh is dark red, of superb quality, with very little core and few seeds. It inherits the earliness of its male parent, Earliana, and is a heavy producer. The compact plant is strong and vigorous. A valuable and outstanding variety. Pkt. 10 cts.; ¼oz. 60 cts.; ½oz. $1; oz. $1.85.

Bonny Best. Of about the same season as Chalk's Jewel, but fruits average somewhat smaller. They are of bright scarlet color, always smooth, and of remarkably uniform size and shape. Pkt. 10 cts.; ½oz. 25 cts.; oz. 40 cts.

CHALK'S EARLY JEWEL. Within a week to ten days as early as the famous Sparks' Earliana, it is even a heavier cropper, with Tomatoes of larger size. The large, handsome fruits are very solid, deep through, brightest scarlet, ripening right up to the stem without any cracks or green core. Flesh thick, bright scarlet, solid, with comparatively few seeds and of sweet flavor. Pkt. 10 cts.; ½oz. 25 cts.; oz. 40 cts.

Sparks' Earliana. One of the best and most popular extra-early sorts. The fruits are good size, red in color, quite smooth, and are produced in great profusion. Pkt. 10 cts.; ½oz. 30 cts.; oz. 50 cts.

GLOBE. Fruit globe-shaped, very early, large-sized, smooth, and firm-fleshed; very productive; in color, glossy rose, tinged with purple; quality excellent. Pkt. 10 cts.; ½oz. 25 cts.; oz. 40 cts.

SUPERB SALAD. Small, very smooth red fruit suitable for serving whole in salads. Very prolific. Pkt. 10 cts.; ½oz. 25 cts.; oz. 40 cts.

OXHEART. A large, late-fruiting variety of distinct appearance and perfect quality. The fruits are heart-shaped, rosy pink, with very solid flesh of mild and pleasing flavor, and few seeds. Single fruits often weigh 2 pounds or more. Pkt. 15 cts.; ½oz. 35 cts.; oz. 60 cts.

JUNE PINK. Ripens as early as Sparks' Earliana and ten days to two weeks earlier than Chalk's Early Jewel. It is an enormous bearer, clusters of six to ten fruits being borne at the crown and at the forks of the branches. The fruit is of medium size, uniform, smooth, and attractively shaped. Pkt. 10 cts.; ½oz. 30 cts.; oz. 50 cts.

Marglobe. (**Selected Strain.**) Tested and approved by the United States Department of Agriculture. Very productive, second-early variety. Large, smooth, meaty, globular red fruits, free from cracks. Immune to rust and wilt. Pkt. 15 cts.; ½oz. 35 cts.; oz. 60 cts.

MATCHLESS. One of the finest, smoothest main-crop Tomatoes in cultivation. Of rich cardinal-red color, with solid flesh of finest quality. Grows to good size, which it maintains throughout the season. Pkt. 10 cts.; ½oz. 30 cts.; oz. 50 cts.

The Stone. The largest, bright red, perfectly smooth, highest-yielding, best-keeping, finest-flavored, main-crop variety. Pkt. 10 cts.; ½oz. 25 cts.; oz. 40 cts.; ¼lb. $1.25.

DWARF STONE. The plants are of dwarf, sturdy growth and very productive; fruit bright red, similar in appearance to the Stone. Pkt. 10 cts.; ½oz. 30 cts.; oz. 50 cts.

PONDEROSA. The fruits are very solid, almost seedless, of good subacid flavor and of immense size, frequently weighing considerably more than two pounds. Good Tomato for home use; splendid slicer. Pkt. 15 cts.; ½oz. 35 cts.; oz. 60 cts.

GOLDEN QUEEN. "Queen of all the Yellows." Its superior flavor has brought it into general favor as a table fruit. Pkt. 10 cts.; ½oz. 30 cts.; oz. 50 cts.

JOHN BAER. An extra-early variety. Fruits are large and very attractive, round in shape, smooth, firm, and of excellent quality. It ripens early and continues to bear fruit throughout the season. Pkt. 10 cts.; ½oz. 25 cts.; oz. 45 cts.

CRIMSON CUSHION or Beefsteak. Very large, round and regular; bright scarlet skin, solid flesh of best quality, seed cells small. Plants are very prolific and of fine appearance. Pkt. 10 cts.; ½oz. 30 cts.; oz. 50 cts.

SMALL-FRUITED TOMATOES

For pickling and preserving; also invaluable for garnishing.

Red Cherry. Small fruits, used for pickles; very handsome.
Red Pear. Fruit handsome and solid; fine for preserves.
Red Plum. Bright red; round; regular; for pickles.
Yellow Pear. Handsome, yellow, pear-shaped fruits.
Yellow Plum. Round and regular; bright yellow; used for pickles.

Each, pkt. 15 cts.; ½oz. 35 cts.; oz. 65 cts.

Pritchard Tomato

FORCING TOMATOES

The following varieties are excellent for growing under glass during winter as well as for outdoor culture. Although the fruits are smaller than standard varieties, they are most prolific.

AILSA CRAIG. A very heavy cropper of perfect-shaped fruit; excellent flavor. A free setter. Pkt. 25 cts.

BIDE'S RECRUIT. A very prolific English Tomato. Fruit of medium size, bright red in color, and of excellent quality. Pkt. 25 cts.

CARTER'S SUNRISE. A heavy cropper, free setter, and bears fine, medium-sized fruits of excellent quality and flavor. Pkt. 25 cts.

COMET. This is a very popular sort for growing indoors or out, with a medium-sized fruit, almost round, and of a rich scarlet color. Pkt. 15 cts.

FILLBASKET. A most healthy and vigorous cropper of well-formed, medium-sized fruit; excellent for forcing. Pkt. 25 cts.

Purple-top White Globe Turnip

TURNIP

One ounce will sow about 150 feet of drill

For early Turnips, sow as soon as the ground opens in spring. Rutabagas should be sown from any time in July to August 1; but the other kinds, for winter use, may be sown from the middle of July to the end of August. Turnips are generally sown broadcast, but much larger crops are obtained (particularly of the Rutabagas) by cultivating in drills 1½ feet apart, and thinning to 6 inches in the drill. Sow in drills, one pound to the acre; broadcast, two to three pounds to the acre.

Purple-Top Strap-Leaf. Most extensively used of the flat Turnips. White skin and flesh, with purplish top. Quite early and very sweet and tender. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts.; lb. $1.

EARLY WHITE STRAP-LEAF. A fine early variety for family use. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts.; lb. $1.

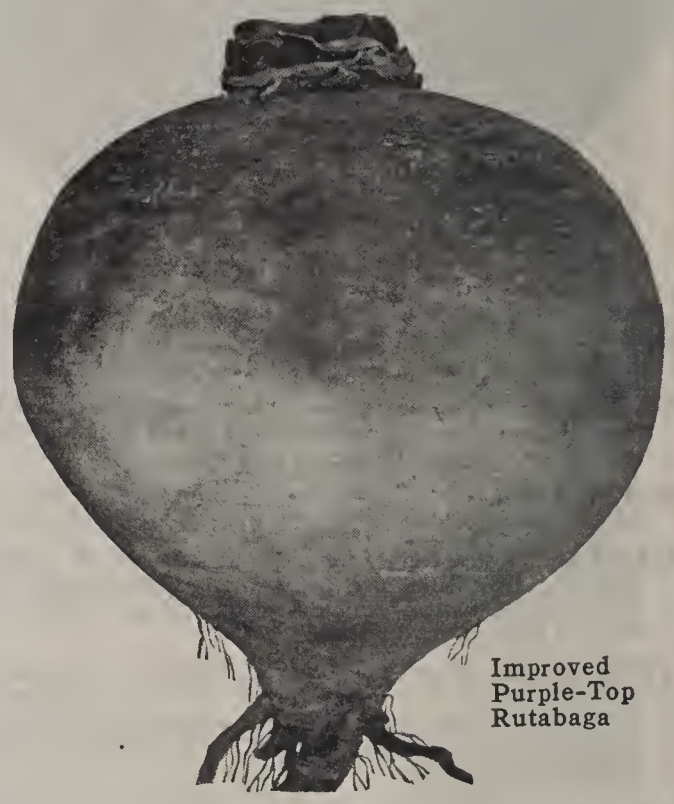
Purple-Top White Globe. A very handsome globe-shaped variety; valuable for table or stock. Pkt. 10c.; oz. 20c.; ¼lb. 45c.; lb. $1.25.

PERFECT MODEL. The roots are beautiful in shape, pure white in color, and delicious in flavor. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts.; lb. $1.

GOLDEN BALL. This is the most popular of all the yellow garden varieties; shape perfectly globular; skin deep orange-yellow, and flesh of the finest quality. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts.; lb. $1.

YELLOW GLOBE. An excellent sort for early or late sowing; good cropper, fine keeper; excellent for table or stock. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts.; lb. $1.

YELLOW ABERDEEN PURPLE-TOP. A very hardy and productive variety of excellent quality; good for either table or stock. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts.; lb. $1.



Improved Purple-Top Rutabaga

RUTABAGA OR SWEDISH TURNIP

Rutabagas are principally grown for winter use. The roots grow to an enormous size and the flesh is tender and very sweet. In the latitude of Philadelphia, the seed should be sown from the first to the middle of July in order to make large roots for winter keeping.

IMPROVED PURPLE-TOP. (Special Strain.) This is a very hardy and productive type of this splendid vegetable; the flesh is yellow, solid, and unusually sweet, making it excellent for both table use or stock feeding. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts.; lb. $1.

SWEET AND MEDICINAL HERBS

Used for various culinary and medicinal purposes. Sow seeds of the perennials, marked thus (*) carefully in hotbeds early in the spring, and at the proper time transplant in permanent beds, in rows about 1½ feet apart, setting the plants a foot apart in the row. In the winter they should be slightly protected with manure. The others are annuals, coming to perfection the first year, after which they die. Sow them in the open ground, early in the spring, in drills 12 to 15 inches apart, and thin out. For winter use, they should be cut just as they come into flower, tied in bunches and hung in a light, airy place indoors.

All varieties, except where noted, 10 cts. per pkt.

Anise. Used for flavoring. Oz. 35 cts.
Balm.* Made into Balm tea for fevers.
Basil, Sweet. For soups and stews.
Borage. A pot-herb and for bees.
Caraway. Seeds are used in cakes, etc.
Chives.* Used for garnishing. Pkt. 15 cts.
Coriander. Seeds used in confectionery.
Catnip or Catmint.* An excellent tonic for cats. Pkt. 20 cts.
Dill. Used for pickling. Oz. 25 cts.
Fennel.* For pickling and sauces. Oz. 25c.
Horehound.* Valuable for medicine.
Lavender, True.* Used in Perfume. Oz. 85 cts.
Marjoram, Sweet.* Oz. 50 cts.
Rosemary.* Aromatic; for seasoning. Pkt. 15 cts.; oz. 60 cts.
Sage.* Used for flavoring. Oz. 40 cts.
Savory, Summer. For flavoring.
Savory, Winter.* A hardy form.
Thyme.* For sauces and dressings. Pkt. 15 cts.; oz. 75 cts.
Wormwood.* Beneficial to poultry.

Dill | Thyme | Horehound | Anise | Lavender | Sweet Marjoram | Fennel

CLOVER SEEDS

Prices change with the market. Write for lowest prices when ready to order

Alfalfa, Northern-Grown (*Medicago sativa*). Yields enormous crops of hay for many years. On good soils, three or four cuttings per season can be made. Sow 20 to 30 pounds per acre. Lb. 45 cts.

Grimm Alfalfa. Greatly improved; very vigorous, and the hardiest Alfalfa known. Yields heavy crops. Lb. 75 cts.

Alsike. A very hardy Clover; on rich, moist soils it yields enormous crops. Lb. 40 cts.

Sweet Bokhara (*Melilotus alba*). Grown for bee-food and a fertilizer. Sow 20 pounds to the acre. Lb. 30 cts.

Medium Red (*Trifolium pratense*). The common red Clover, largely grown throughout the country. Pure clean seed of highest quality and germination. Lb. 50 cts.

Crimson or **Scarlet** (*Trifolium incarnatum*). An annual Clover of quick growth; very nutritious and rich in protein. Splendid as a cover-crop and for green-manuring, adding humus and nitrogen to the soil. Lb. 30 cts.

White (*Trifolium repens*). A low-growing Clover used in mixtures for permanent pasture and for lawns. Lb. 75 cts.; 5 lbs. $3.50.

Prices for larger quantities will be quoted on request

Cowpeas

Barley

Barley needs a rich land, more sandy and lighter than that adapted to wheat, and can be grown farther north than any other grain. Sow 1½ to 2 bushels to the acre if drilled; 2 to 2½ bushels broadcast. Bushel weighs 48 pounds.

Spring and **Beardless.** Market price.

Millet

Nothing pays better for a stock-raiser and dairyman than a few acres of Millet. Valuable as a milk-producer, and yields double the quantity of hay per acre that timothy and clover produce. Greatly relished by stock.

German or **Golden.** Sow 1 bushel (50 pounds) to the acre. Larger and heavier than the Hungarian and yields a much heavier crop, but is later. Should be sown in this latitude from April to July 10. Market price.

Hungarian. Does especially well on rich soils and makes a finer quality of hay than Golden Millet. Market price.

Dwarf Essex Rape

Field Corn

Sow 8 quarts to the acre in early May.

Reid's Yellow Dent. A carefully selected strain.

Improved Leaming. A very popular and productive variety.

Early Yellow Canada. Has 8 rows and ripens very early. Generally used for replanting. It is well adapted to sections where the season is short or ground poor.

Lancaster County Sure-Crop. Grown very extensively in this section. The ears are about 14 inches long, with 14 rows of kernels. It is a good cropper and a very strong-growing variety with plenty of foliage. Matures in 100 days.

Red Cob Ensilage. Long, narrow, white grains. A late maturer, and used for silo. Rank grower, and prolific in leaves.

All Field Corn at market price

Canadian Field Peas

Valuable for northern climates for cattle-feeding and for green soiling. Sow 3 bushels per acre alone, or 1½ bushels with 1 bushel oats. Market price.

Cowpeas

Sow 1 bushel to the acre broadcast or ½ bushel drilled in rows about 30 inches apart, in May or June. They may also be sown up to the end of July.

Whip-poor-will. Very early, maturing seed in about 70 days. Makes a very heavy growth. Market price.

Rape

Dwarf Essex. Sow 6 pounds per acre broadcast, from April 1 to October 1. It produces enormous crops, and is ideal green manure. Lb. 25 cts.; 5 lbs. 75 cts.

Oats

Victory. An excellent variety, productive and heavy. Sow 2½ to 3 bushels to the acre. Market price.

Spring Wheat

A desirable crop to sow where fall-sown Wheat has been killed by severe winter. The grain is very hard, of excellent milling quality. Market price.

Rye (for Seeding)

Spring. An excellent early green food, or for pasture. The grain is used for feeding and other purposes; the straw is of fine quality, making a larger yield than the winter rye from which it is quite distinct, the seed being smaller. Sow from May 1 to June 1. Market price.

Soy Beans (Soja Beans)

For hay, soil-improvement, and pasturage. When planted alone, make the rows wide enough to cultivate and use 40 pounds of seed per acre; if sown broadcast, 60 pounds per acre; when sown in corn, 30 pounds per acre. They do well on light and heavy soils; when plowed under will enrich any soil.

Mammoth Yellow. Makes a large growth. Market price.

Wilson Black. One of the best for hay. Market price.

Sunflower

Mammoth Russian. This makes a splendid poultry-food, especially for winter use, on account of its heating and fattening qualities; will yield sometimes as high as 60 bushels per acre. Sow 10 quarts per acre in drills 3 feet apart, dropping the seed about every 4 inches. Lb. 15 cts.; 5 lbs. 60 cts.

Vetches

Winter, Hairy, or **Sand.** Used as a cover crop. Sow from August 15 to October 1, using 1 bushel (60 pounds) to the acre. Price on application.

Spring. Bushel weighs 60 pounds. Market price.

Husking Corn

SUMMER-FLOWERING BULBS AND PLANTS

Tuberous Begonias, Double

CALADIUM ESCULENTUM

Elephant's Ear

A fine tropical plant that is easily grown and very effective for beds, borders, or for planting out on the lawn. Bulbs may be planted outdoors as soon as danger of frost is over, covering about 3 inches deep. To obtain the best results it should be planted where it will obtain plenty of water. Foliage light green. When full size, it stands 4 to 6 feet high, with leaves 3 to 4 feet long by 2½ feet wide.

	Each	Doz.	100
First-size bulbs	$0 15	$1 50	$10 00
Mammoth bulbs	20	2 00	15 00
Monster bulbs	30	3 00	20 00

Fancy-leaved Caladiums. Fine for decorating the conservatory, greenhouse, and window-boxes, also for planting outdoors when ground has become warm. **Named Varieties.** 30 cts. each; $3 per doz.

CALLA LILIES

Golden Yellow Calla. This is the Yellow Calla of marvelous beauty, the flowers being as large as the popular white winter-flowering variety and of a rich lustrous golden yellow. The foliage is dark green with numerous white spots, which gives the plant a very ornamental appearance. They may be started inside and safely planted out in May.

	Each	Doz.	100
Mammoth roots	$0 45	$4 50	$35 00
Monster roots	70	7 25	50 00

GLOXINIAS

Gloxinias make xecellent house plants and succeed well in a sunny window in the spring months. They may be started in February in a shallow box about 2 inches dceep, the bottom of which has been covered with about one inch of sphagnum moss. Spread the bulbs out on the moss, about ½inch apart, and cover them with more moss to the depth of about ½inch. Keep the bulbs in a temperature of about 68 degrees. In about two weeks both tops and roots will have made a start. The bulbs should then be potted into 4-inch pots in light, sandy loam, and will flower profusely during May and June. Be careful to keep water off the foliage and shade the plants from direct sunlight as the season advances.

All Colors Mixed. 40 cts. each; $4 per doz.; $30 per 100.

AMARYLLIS

An easily grown plant of wondrous beauty. On receipt of the bulbs, pot up in flower-pot 1 to 2 inches more in diameter than the bulb and cover only to the shouider of the bulb, leaving the neck protruding. Use good garden soil with a liberal amount of bone-meal added. Water sparingly until flower-spike appears, then water more freely as plant advances in growth.

Giant American Hybrids. We believe this selection is the best obtainable at the present time, and we know of nothing that will give the amateur greater pleasure for the window-garden. They are of vigorous growth, free-flowering habit, and enormous size of the individual flowers. We offer mixed varieties only.

	Each	Doz.
Mammoth bulbs	$0 50	$5 00
Monster bulbs	1 00	10 00

Halli (*Lycoris squamigera*). This variety is perfectly hardy and will grow anywhere without protection. Of unique blooming habit, sending up, in August, several flower-stalks to the height of 2 feet, bearing large bunches of fragrant lavender-pink blossoms. $1 each; $10 per doz.

BEGONIAS (Tuberous Rooted)

For window- or porch-boxes, beds or borders in semi-shaded positions, Tuberous-rooted Begonias are unexcelled for summer display, while well-grown examples in pots never fail to excite admiration. Enormous wax-like flowers appear uninterruptedly from June till frost. The bright flowers contrast well with the deep-colored foliage. The bulbs must be lifted in the fall.

Single-flowering Varieties. Crimson, Scarlet, Pink, Salmon, Yellow, White. 25 cts. each; $2.50 per doz.; $20 per 100.

Tuberous Begonias, Single

Double-flowering Varieties. Crimson, Scarlet, Pink, Salmon, Yellow, White. 25 cts. each; $2.50 per doz.; $20 per 100.

Single Frilled. Large flowers, attractively frilled and ruffled on the edges. All colors in a well-balanced mixture. 25 cts. each; $2.50 per doz.; $20 per 100.

Lloydii (Basket Begonia). Splendid for growing in hanging-baskets or as individual specimens in pots where the branches, drooping over the edges, produce masses of attractive, showy, double flowers mostly shades of pink. 25 cts. each; $2.50 per doz.; $20 per 100.

CINNAMON VINE

A rapid-growing climber, taking its name from the peculiar fragrance of the delicate white flowers. The leaves are heart-shaped, bright glossy green; growth is very rapid, often running 25 to 40 feet; quite hardy. Large select roots, 10 cts. each; $1 per doz.

Caladium esculentum

SUMMER-FLOWERING BULBS AND PLANTS, continued

DIELYTRA

Spectabilis (Bleeding-Heart). Fine for spring planting in the perennial border and as pot-plants. 50 cts. each; $5 per doz.

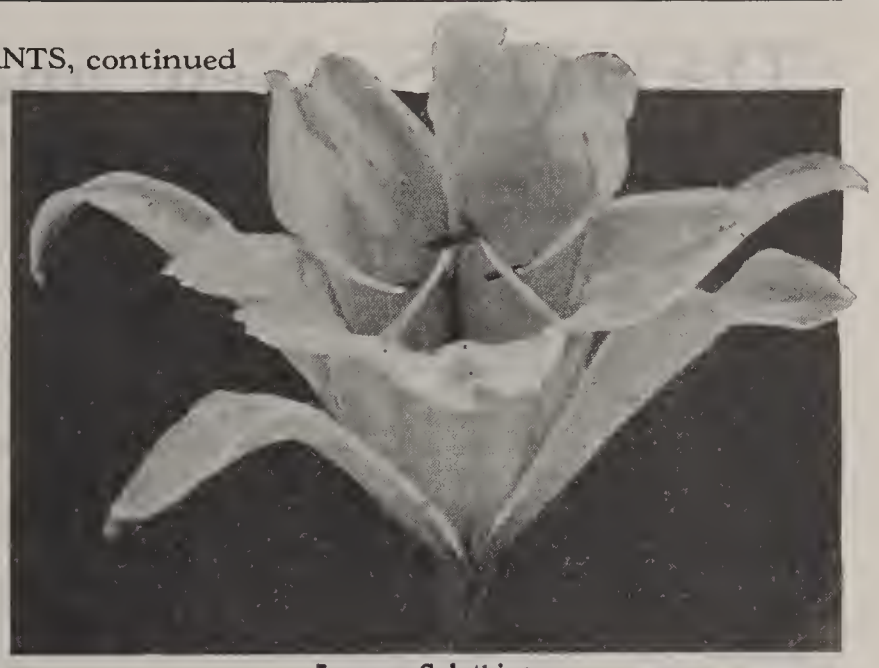
HYACINTHUS

Candicans. A hardy summer-flowering Hyacinth, producing erect spikes, 3 feet high, of pure white, bell-shaped flowers. It is very effective when planted in clumps among shrubs. 15 cts. each; $1.50 per doz.

ISMENE CALATHINA

Pancratium Lily or Peruvian Daffodil

A handsome, summer-flowering bulb producing in great abundance its amaryllis-like, pure white, fragrant flowers. The bulbs can also be potted and flowered in the house during winter. Large bulbs, 25 cts. each; $2.50 per doz.; $18 per 100.



Ismene Calathina

MADEIRA OR MEXICAN VINE

A beautiful and popular vine much prized for porches and arbors because of its rapid growth and freedom from insects. Thick, glossy leaves of a light green color and racemes of feathery white flowers of delightful fragrance. Selected roots, 10 cts. each; $1 per doz.; $7.50 per 100.

OXALIS

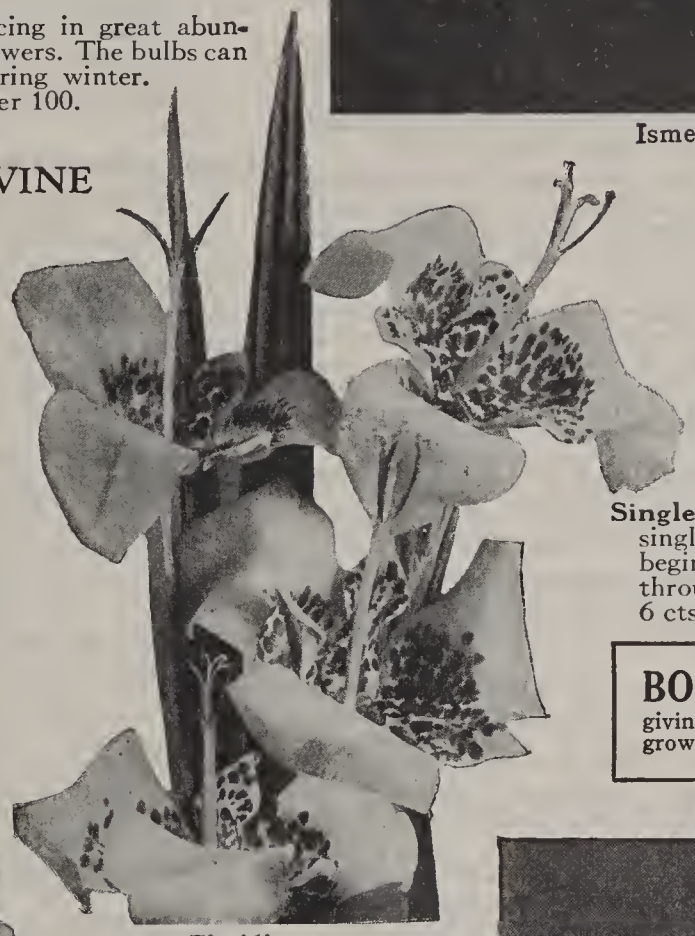
Summer-flowering bulbs with brilliant flowers and dark foliage. Suitable for mass bedding, rockeries, hanging-baskets, or vases.

Deppei. Small; white.

Lasiandra. Rosy pink. Beautifully cut foliage.

Shamrock. Pink flowers. Clover-like foliage.

25 cts. per doz.; $1.50 per 100



Tigridia

TIGRIDIA

Tiger or Shell Flower

One of the most showy of summer-flowering bulbous plants. It blooms from midsummer until frost, grows about 2 feet high, and produces large, wide-open, triangular blossoms often 4 to 6 inches across. The colors and markings are very brilliant combinations of yellow, scarlet, and pink. Clumps of them, planted in the border, are most gorgeous. The culture is the same as for gladiolus.

Mixed. 20 cts. each; $2 per doz.; $15 per 100.

ZEPHYRANTHES

Zephyr Flower; Fairy Lilies

Rush-like foliage, about 6 inches high, from which rise open-petaled, crocus-like flowers in various colors. Fine for spring planting in borders and rockeries. They start blooming in August and continue to send us fairy cups until frost. Also excellent for pot-culture.

Alba. Pure white. 10 cts. each; $1 per doz.

Rosea. Large; rose-colored. 20 cts. each; $2 per doz.

TUBEROSES

Excelsior, White Pearl. The Tuberose is one of our finest summer-flowering bulbs. The flowers are waxy white, double, and exceedingly fragrant—a single flower will perfume a room. They do best in a rich, warm soil and a sunny situation.

	Each	Doz.	100
First-size bulbs	$0 06	$0 60	$4 00
Mammoth bulbs	11	1 15	8 00

Single Mexican Everblooming. A white single-flowering form of Tuberose which begins to flower in July and continues throughout the season. Very fragrant. 6 cts. each; 60 cts. per doz.; $4 per 100.

BOOK OF BULBS (ROCKWELL). A new book giving complete directions for the growing of all kinds of bulbs **$2.00**

Tuberose

Hyacinthus candicans

DAHLIAS, New and Recent Introductions

ABBREVIATIONS: F.D., Formal Decorative; I.D., Informal Decorative; C., Cactus; S.-C., Semi-Cactus

ANNA BENEDICT. F.D. The dark red we have been looking for. Bushes and foliage strong and robust. A Formal Decorative that is always full centered and perfect on erect stems. Color, a deep rich garnet with black shadings at center. Does not burn in the sun or batter in the rain. Certified at Storrs, Conn., 1934. Roots, $5 each. Plants, $2.50.

CAVALCADE. F.D. A fine variety that should have a real future. This Dahlia resembles Jersey's Beauty in form and its stems are almost identical. It is, however, larger in diameter and two or three shades darker, the color being a rich dark rose with tones of rosy magenta. A good root-maker. Roots, $5 each. Plants, $2.50.

CITY OF CLEVELAND. I.D. Worthy of a place in any garden as it is a good healthy and rugged grower, with flowers of artistic form in a bright orange suffused scarlet. Very rich in color and striking in appearance. Plants, $2.50.

CLARA BARTON. I.D. An immense bloom which faces slightly upward on long, straight stems. The face of the petals is silvery orchid with the reverse deep lavender, giving a general effect of lavender. A very prolific bloomer and one we can well recommend. Bush of medium height. Roots, $2.50 each. Plants, $1.25.

DAHLIADEL GOLD. F.D. A Formal Decorative for the largest bloom class. Pleasing golden yellow, shading darker at center, with a light coral-red suffusion. Strong-growing bush with dark green, spreading foliage. Grows extremely large naturally. Roots, $5 each. Plants, $2.50.

DEMOCRACY. F.D. A Formal Decorative of primrose-yellow, shaded golden yellow, globular in form, with petals that open back to the stem. Lateral blooms make excellent cut-flowers as they face and open similar to Jersey's Beauty. Good growing habits with long, strong stems. Certificate of Merit, Storrs, Conn., 1934. Roots, $5 each. Plants, $2.50.

DORCAS ANN. S.-C. An attractive pink Semi-Cactus with rose suffusion and sulphur-yellow shadings at center. It is fine for cutting and baskets. Long, strong stems and a profuse bloomer. Certified at Storrs, Conn., 1933. Roots, $5 each. Plants, $2.50.

ELITE SPORT. F.D. Same form and bush-growth as Elite Glory. A beautiful buff striped and speckled crimson which is striking in the garden. Blooms of good substance are held erect on strong stems. Roots, $2 each. Plants, $1.

FOREST FIRE. I.D. The most spectacular Dahlia introduced in years. An Informal Decorative of an unusually artistic form. Color, lemon-yellow at base of petals, heavily tipped rich scarlet and enhanced with yellow petaloids. Bush is sturdy and strong, with leathery, insect-resistant foliage. Certificate of Merit, Storrs, Conn., and East Lansing, Mich., 1934. Roots, $5 each. Plants, $2.50.

GOLDEN STANDARD. C. We admired this Dahlia when it won in the seedling class in Camden (1933) as it is a warm buff shaded amber and gold. Very pleasing in form, with full centers and evenly arranged petals. Bush is a good open grower. Stem holds flower facing at right angles, which shows up well in the garden or when exhibited, although not easy to pack. Won as the best undisseminated Cactus in New York that season, and also won the President's Cup over all types in the undisseminated classes. Roots, $5 each. Plants, $2.50.

IROQUOIS SUNBEAM. I.D. An upright, sturdy grower and prolific bloomer. Orange-buff, suffused coral. A garden Dahlia that will grow to exhibition size. Roots, $4 each. Plants, $2.

JERSEY'S DAINTY. C. A truly dainty variety of white faintly tinged lavender, almost pure white late in the season. A prolific bloomer with long, straight stems and dark, healthy foliage. Plants, $1.25.

JESSICA DRAGONETTE. S.-C. One of the best of the 1935 introductions. Similar in form and size to Amelia Earhart, but an entirely different color. A very pretty buff, suffused peach, Semi-Cactus, with beautifully pointed petals. Large flowers of perfect form and an exceptionally good grower, producing an abundance of blooms. Roots, $5 each. Plants, $2.50.

KAY FRANCIS. S.-C. A prize-winner on the table. The beautiful deep flowers with high, full centers and numerous petals are soft lemon-yellow, larger and deeper in color than Frau O. Bracht. This variety is a tall, rugged grower with sturdy stems, but needs some disbudding to produce large blooms. Roots, $5 each. Plants, $2.50.

LORD OF AUTUMN. I.D. A Dahlia that appealed to us at once as the greatest clear yellow exhibition Dahlia to date. Flowers attain a wonderful size and depth, and the long, pointed, and twisting petals with the beautiful center formation remind one of a large exhibition chrysanthemum. A good strong grower that attracts attention immediately. Sure to become a great favorite and prize-winner. Roots, $5 each. Plants, $2.50.

MISS ELSIE JANE. S.-C. A medium-sized Dahlia which has won in the seedling classes in New York and Camden shows as the best Semi-Cactus. It is of unique formation. One of the sweetest varieties for vase arrangements, and its beauty is even enhanced under artificial light. Medium in size—about 4 inches when not disbudded and 6 inches across when disbudded. The most artistically formed Dahlia we have ever offered. Its long, wiry stems make it wonderful for arrangements. Color is an appealing shrimp-pink with cream shadings at center and tipped violet-rose. Certain to please in the garden and it has already proved its merit on the exhibition table. Roots, $3 each. Plants, $1.50.

MRS. BRUCE COLLINS. C. We were much impressed with this Straight Cactus Dahlia at Grand Rapids, where it was the winner as the best undisseminated Michigan seedling, also the best undisseminated Dahlia at the First Mid-West Dahlia Society Show. It is a primrose or light lemon-yellow, shading lighter toward the tips but of sufficient depth to show yellow under artificial light. It will not be in competition with Frau O. Bracht, as it is a true Cactus, and we have few in this class that grow to the size and perfection of this Dahlia. The low-growing bushes are fairly covered with blooms of exhibition size. Fine stems and a continuous bloomer. Roots, $5 each. Plants, $2.50.

MRS. HERBERT O'CONNOR. I.C. The exceptional qualities, especially for an Incurved Cactus Dahlia, are long, slender, yet erect, stems, good size, and unusually bright color, which is soft rose-pink, deepening at center. Dark, healthy, open foliage and a profuse and continuous bloomer. Should do equally well both in the North and South. One of the best Incurved Cactus introductions in recent years, and we predict it as a great winner in the showroom. Roots, $10 each. Plants, $5.

ROBERT EMMET. I.D. A grand, velvety cardinal-red Dahlia of giant size and great beauty. It is a perfect open grower with dark green, insect-resistant foliage. This Dahlia received a Certificate of Merit at Storrs, Conn. Produces great quantities of perfect blooms from mid-August till frost. Stems stiff and long with flowers perfectly facing. A Dahlia that will win in the red and Informal Decorative classes and be a source of joy in the garden. Roots, $3 each. Plants, $1.50.

THE UNIVERSE. I.D. Seedling of The World, but darker and richer in color without the silver shadings. A deep, rich garnet with rosy magenta shadings. In form the petals are more pointed and, following its parent, the centers are always full through the season, stems erect, and bush-growth good. This variety can be recommended where seasons are short, as it develops very quickly and blooms early. Plants only, $5.

TREASURE CHEST. S.-C. Too many of our new Dahlias produce just a few exhibition blooms, and some of these only toward the end of the season. Treasure Chest produces beautiful, perfectly formed blooms as early as any variety in our fields, and flowers are still perfect at frost. Therefore, it has already won many friends. The blooms grow in water and are better after two or three days inside, making it ideal as a cut-flower, fine for baskets, and all decorations. Soft golden yellow, lightly suffused coral-red, similar in color to a light Jane Cowl, but richer tones. A very practical Dahlia with long, slender stems. Plants only, $5.

NOTE.—Tubers will be ready for delivery April 1st; Plants from May 1st

DECORATIVE DAHLIAS

Formal and Informal

Decorative Dahlias are the largest flowering of any type. The petals are long, broad, and flat and the flowers are double and full to the center. As a garden flower or for cutting to brighten indoors the Decorative type will afford much pleasure.

Adirondack Sunset. I.D. Color scarlet-red, with golden tips and reverse; center of flower tipped golden orange. The favorite at the New York Botanical Gardens in October, 1934. The petals are long and broad, forming a high center. Plants, $2.50 each.

Alice in Wonderland. I.D. A beautiful shade of soft salmon, with petals delicately edged bright rose. It has the distinct new form with the full high center, and long, pointed petals that curve backward to the stem, adding to its depth. Good habit of growth, but is at its best in cool weather. Roots, $2 each. Plants, $1.

Andrea Ericson. I.D. A white Fort Monmouth. It is somewhat heavier in petal formation, but very pleasing in form. Held on excellent stems, and should be very successful in the white class on the show table. Roots, $1 each. Plants, 50 cts.

Arelda Lloyd. I.D. The outstanding Dahlia in the Trial-Grounds for 1933, this variety was at once in demand. Color, a clear lemon-yellow, with rose suffusion on ends of petals and a clear yellow center, or best described as a yellow Jane Cowl, as form and bush are almost identical. Roots, $4 each. Plants, $2.

Bagdad. I.D. This Dahlia has proved very satisfactory. It is a beautiful, brilliant scarlet-flame of wonderful size. Good bush-growth and a good bloomer. The long stems hold blooms high above the bush. Roots, 50 cts. each. Plants, 50 cts.

Ballego's Glory. F.D. Much admired for its distinctive color, which is crimson, heavily tipped lemon-yellow. The shadings depend on the general weather conditions. Bush medium height, of rather compact growth. Roots, 75 cts. each. Plants, 50 cts.

City of Trenton. I.D. A popular Dahlia that has made a host of friends and is still a winner on the exhibition table. In color it is bright apricot, suffused gold, showing considerable rose on the reverse. Roots, 50 cts. each. Plants, 50 cts.

Elite Glory. F.D. A Dahlia that has had a long run of popularity. Color, rich red. Blooms large, of good form and substance, held erect on strong stems. Roots, 50 cts. each. Plants, 50 cts.

Fort Monmouth. I.D. The color is rich claret with a brightness unusual in darker tones. Flowers are full centered and well formed, borne on long, stiff stems high above the foliage. A very prolific grower and bloomer. Roots, 50 cts. each. Plants, 50 cts.

Girl of Hillcrest. I.D. This excellent Dahlia is classified as an Informal Decorative, but at times it is almost a Semi-Cactus. Flowers are artistic and well formed. Color, bright apricot-buff; also described as a Mikado orange. Plants are very vigorous growers. Stems long and erect. Roots, $1 each. Plants, 50 cts.

Good Night. I.D. Color, oxblood-red, shaded maroon. Its faults are hard to find, as it has size, form, and stem as well as being an early and profuse bloomer. Roots, 75 cts. each. Plants, 50 cts.

Jane Cowl. I.D. This wonderful Dahlia has been a success wherever grown. Color, a warm buff and old-gold, blending to apricot and rose at the center. Bush-growth is ideal, with strong stems holding the giant flowers upright. Roots, 50 cts. each. Plants, 50 cts.

Jane Dixon. F.D. The contrast of large, high-centered blooms of soft apricot-buff, edged rose, on the massive, dark green foliage makes an attractive picture in the garden or when cut. Stems are strong and erect. Roots, $2 each. Plants, $1.

Jersey's Beacon. F.D. Color, bright scarlet with a buff reflex, giving a two-tone effect. A free, early bloomer of extremely massive proportions with sturdy stems. Roots, 35 cts. each.

Jersey's Beauty. F.D. The most popular of any Dahlia, especially as a cut-flower. The ideal pink for exhibition or florist use. Large, deep flowers of perfect form on long stems. Free, early bloomer; fine keeping qualities. Roots, 35 cts. each. Plants, 35 cts.

Jim Moore. S.-C. or I.D. A Dahlia worthy of space in anyone's garden. It is distinctive in form and color. The petals are long and regular, rolling back at tips; color is a primrose-yellow, shaded gold and suffused salmon. Roots, 50 cts. each. Plants, 50 cts.

Kathleen Norris. I.D. This exhibition Dahlia is a true rose-pink, deepening to mallow-pink, with young central petals a lighter shade. Petals are broad and overlap each other. Blooms are held erect on long, strong stems. Roots, 75 cts. each. Plants, 50 cts.

Kemp's Violet Wonder. I.D. The predominating color of this fine Dahlia is violet-purple, with a faint bluish violet at the tips of petals. Deep flowers of perfect form. Stems are stiff, holding flowers a foot above the foliage. Roots, 50 cts. each. Plants, 50 cts.

Kentucky Red. I.D. One of the brightest Dahlias of the recent introductions. Color is flaming scarlet which does not burn or fade in the sunshine. Flowers are uniform in size, measuring 10 inches across by 4 inches deep. Roots, $1 each. Plants, 50 cts.

Monmouth Champion. F.D. A strong, vigorous grower, producing beautiful exhibition blooms of a brilliant orange-flame color, of immense size. Perfect stems and insect-resistant foliage. A prize-winner in all sections. Roots, 75 cts. each. Plants, 50 cts.

Monmouth Queen. F.D. Full-centered flowers of good size and depth held facing on long, stiff stems. A wonderfully strong grower, with bright green foliage, and a prolific bloomer. A pleasing lemon-yellow in center of the flowers, gradually passing to light primrose or cream-yellow on back petals. Roots, $5 each. Plants, $2.50.

Myra Howard. I.D. A glowing saffron-yellow and gold, with tints of salmon. Throughout the deep flower are petaloids, which give it distinction in both form and color. A thrifty grower, with giant blooms on long, rigid stems. Roots, $1.50 each. Plants, 75 cts.

Omar Khayyam. F.D. The unusual coloring is a Chinese red at the base of the petals, shading to a bright orange and tipped lighter, making a wonderful color effect. Roots, 75 cts. each. Plants, 50 cts.

Pot o' Gold. I.D. A large, brilliant flower of clear yellow with numerous long, wavy petals which not only make it artistic and beautiful in form but give it great depth. One of the best of the clear yellows which is very free-blooming and most satisfactory for us. Certified at Storrs, Conn. Roots, $2 each. Plants, $1.

Sanhican's Cameo. I.D. Coral-rose shaded rose-pink on reverse, with golden sheen on face of petals, glowing beautifully under artificial light. Bush sturdy; stems long and erect. Blooms keep well for cutting and exhibiting. Roots, $2 each. Plants, $1.

Shahrazad. I.D. A gorgeous, large variety. Fine substance and depth, with extra-long, perfect, cane-like stems. A deep pink Jane Cowl. Bush is tall and vigorous. Roots, $1 each. Plants, 50 cts.

Sultan of Hillcrest. F.D. The unique form, with the petals recurving to the stem, attracts one's attention. Huge blooms of lemon-yellow with reverse rosy pink, on fine stems, giving an unusual color effect. Roots, $4 each. Plants, $2.

The Commodore. I.D. A nice clean-growing, bright lemon-yellow. Won American Home Achievement Medal and A. D. S. Certificate. Petals large, centers full, with flowers of loose and open formation. Bush is compact. Roots, $1 each. Plants, 50 cts.

Thomas A. Edison. F.D. This gorgeous Dahlia was selected and named by permission of the famous electric wizard. In the garden it is impressive with its staghorn petal formation, the large, dark green, insect-resistant foliage, the cane-stiff stems, the thrifty growth, and the royal purple color, found in no other Dahlia. Roots, 75 cts. each. Plants, 50 cts.

Treasure Island. F.D. One of our brightest autumn-shade Dahlias. Color, bright apricot with gold and rose suffusion and shadings. Bush-growth is strong, branching readily from the ground, giving 4-foot stems. It has been a wonderful success wherever grown, and especially where most varieties fail in a dry season, this variety withstands all tests. Roots, 75 cts. each. Plants, 50 cts.

White Duchess. I.D. A bold white flower of large size, with a full, high center, facing upward. Petals are broad and waved, giving the flower a very graceful appearance. Stems are strong and erect. A good grower. A very satisfactory exhibition Dahlia with wonderful keeping qualities. Roots, $1.50 each. Plants, 75 cts.

White Wonder. I.D. The giant blooms are pure white with long, pointed, twisted, and curled petals, giving the flower a light, fluffy appearance. The bush is a strong, vigorous grower, branching from the ground. Stems long and stiff. Foliage thick and leathery. Roots, $1.50 each. Plants, 75 cts.

CACTUS DAHLIAS

The true Cactus type flowers are double, with long, narrow, twisted petals. The Semi-Cactus type petals are shorter, with a broad flat appearance. The Cactus type are much appreciated becausc of their lasting quality after cutting.

Ambassador. C. Color, soft yellow-buff, shaded salmon-pink. Well-formed flowers, held erect above the foliage. Bushes branch readily and produce fine exhibition blooms. Roots, 50 cts. each. Plants, 50 cts.

Amelia Earhart. S.-C. Color is apricot-buff, with salmon tints, shading to soft yellow at base of petals. One might picture it as an improved Edna Ferber of larger size, better stems, and with more gold and less rose shadings. Plants, $2.50 each.

Edna Ferber. S.-C. Petals are curled and twisted, forming an extremely full flower, held erect on fine stems. Color, glistening coral, shading to old-gold at base of petals. A good, strong grower with dark green foliage. Roots, 75 cts. each. Plants, 50 cts.

Ella May. A true Cactus Dahlia with a good stem. Flowers are large and deep, with full centers. Color, deep, rich crimson-carmine, dark and yet rich. Bush is a good open grower. Roots, 50 cts. each.

Frau Ida Mansfield. Color is clear, pale lemon. The cleft petals are revolute, giving it the effect of having double the number of normal petals and making a very full and attractive flower. An early and profuse bloomer. Plants, 50 cts. each.

Frau O. Bracht. S.-C. A wonderful cut-flower as well as a great prize-winner at the shows. A clean-cut Semi-Cactus of a clear, light primrose-yellow, keeping well and holding blooms on fine stems. Roots, $1.50 each. Plants, 75 cts.

Jean Trimbee. S.-C. Massive yet artistic, with long, revolute petals that curl and twist. The color is a beautiful petunia-violet, making it popular as an exhibition Dahlia. A tall, vigorous grower with long, erect stems. Roots, $1.50 each. Plants, 75 cts.

Lilac Glory. C. One of the prettiest Cactus Dahlias we know. Color, soft violet-rose, with silver shadings. Stems are slender but strong and erect, making it ideal for baskets and arrangements. The more you cut, the more it produces. Roots, 75 cts. each. Plants, 50 cts.

Palo Alto. S.-C. Clear, soft apricot-buff, suffused coral-red. Stems tall and straight. Flowers are of good substance with uniform, full centers. Highly recommended. Roots, $3 each. Plants, $1.50.

Paul Pfitzer. S.-C. A German novelty that won a name for itself in the New York show. It is a pleasing combination of primrose and shell-pink. Strong, vigorous plants with dark foliage and excellent stems. Roots, $2 each. Plants, $1.

Rudy Vallee. S.-C. When flowers first open they show chrome-yellow at center, with a gradation of grenadine-red (copper) as the flower expands, finally becoming solid grenadine orange-red when in full bloom. Flowers are full-centered and are held well above the clean-cut foliage, on long, straight stems. Growth vigorous. Roots, $1 each. Plants, 50 cts.

Satan. S.-C. Flower scarlet, with yellow on reverse of petals, showing at the center as petals unfold. Stems are very long and may need some support in hot weather. Very showy in the garden. Bushes tall and rugged. Flowers are uniformly large and of regular formation, keeping well when cut. Roots, $2 each. Plants, $1.

MINIATURE DAHLIAS

The newest type. Bushy plants, 2½ to 3½ feet in height and covered with flowers all season. The medium-sized, semi-double blooms are carried on rigid, wirelike stems well above the foliage, making ideal garden plants. As cut-flowers they are superb, keeping fresh in water for many days.

Baby Beauty. Min. F.D. This is a small Jersey's Beauty on strong, erect stems, possessing all the good qualities of the variety it so closely resembles. Roots, $1 each. Plants, 50 cts.

Baby Royal. Min. S.-C. A gem for any garden. Salmon-pink, shaded apricot with yellow at base of petals. Winner of several awards as best foreign Dahlia. Roots, $1 each. Plants, 50 cts.

Bishop of Landaff. Min. Duplex. An unusual and attractive flower, petals being bright scarlet with a center of deep garnet. Foliage is lacy, of a reddish bronze color. Wonderful for landscape effect and home arrangements. Roots, 50 cts. each. Plants, 50 cts.

Bluebird. Min. F.D. This Dahlia is unique and different in its coloring, being the nearest to blue in the small Dahlias. Color is bluish lavender. Roots, 50 cts. each. Plants, 50 cts.

Carla. Min. S.-C. Color is buff, heavily shaded old-rose and suffused violet-rose—a rich contrast to the dark green foliage. The bush-growth is compact. Roots, $1.50 each.

Comrade. Min. C. A pleasing garden variety of a delicate violet-rose with flesh shadings, supplying a neutral tone suitable for arrangements with brighter colors. Low, branching habit, with good stems and very prolific. Roots, 50 cts. each.

Dahliadel Joy. Min. C. One of the most attractive small Dahlias. It is artistic and uniform, and blooms profusely on long stems without any disbudding. It is a wonderful keeper with perfect, full centers until frost. Color, a clear lemon-yellow. Roots, $1.50 each. Plants, 75 cts.

Jean. Min. S.-C. One of the most artistic little Informal Decorative or Semi-Cactus Dahlias. Color apricot-buff, suffused soft lilac-rose. Bush strong, and a compact grower. A free, early bloomer, and very satisfactory. Roots, $1 each. Plants, 50 cts.

Kentucky Babe. Min. F.D. The resemblance of this Dahlia to Kentucky prompted the name. One of the best of the new introductions. Its commercial qualities already assure its popularity for home use as a cut-flower. Roots, $1 each. Plants, 50 cts.

Little Jewel. Min. F.D. Popular as a cut-flower for decorations. Color, a pleasing peach-blossom-pink shade. Roots, 35 cts. each.

Paddy. Min. F.D. One of the most incessant blooming Dahlias we grow. Bushes are literally covered with blooms from early in the season until frost, with centers full to the end. Flesh ground, heavily suffused deep rose-pink. Roots, 50 cts. each. Plants, 50 cts.

Pink Pearl. Min. Peony. Lovely rose-pink, showing a golden eye. The low, compact bushes make it very desirable in landscape or rock-garden planting. Roots, $1 each. Plants, 50 cts.

Raider. Min. Peony. Soft violet-rose, suffused yellow at base of petals, which are pointed and twist and curl in a charming manner. A robust grower. Roots, 50 cts. each. Plants, 50 cts.

Rapture. Min. I.D. A quick, robust grower with excellent stems, making each bush a bouquet of itself in the garden. Keeps well when cut. Color, rose-pink, shading to sulphur-yellow at center, with a gold suffusion. Roots, $1.50 each. Plants, 75 cts.

Red Head. Min. D. A Dahlia which is pleasing in appearance and a fine keeper. Color, scarlet-orange, with blooms facing up on nice stems. Plants, 50 cts. each.

Rose Beauty. Min. F.D. A neat, truly Miniature form of Jersey's Beauty. The color is a soft peach with coral suffusion. The blooms are uniform and perfect, with full centers. Stems are good, which makes it ideal for cutting. Best miniature for 1936. Plants, $1 each.

Sanhican's Sweetheart. Min. S.-C. An artistic and useful novelty. Color, ochreous buff, suffused rose-red. Low-growing bushes always covered with blooms. Roots, 75 cts. each. Plants, 50 cts.

Tiny. Min. Peony. Dwarf, symmetrical bush and free-blooming qualities, with its bright coloring and artistic and airy formation, make it one of the most desirable for low landscape effects and rock-garden planting. Color, yellow, base suffused apricot. Beautiful for arrangements. Roots, $1 each. Plants, 50 cts.

ORCHID-FLOWERING DAHLIAS

This fine new race hails from Scotland and is certainly due great popularity for landscape effect, gardens, table arrangements, and dainty decorations. The bushes are compact, 2 to 3 feet in height, free-branching, and exceedingly prolific bloomers, with flowers 4 to 5 inches in diameter. They do wonderfully well when pinched or cut back for landscape effect, but should not be thinned out or disbudded. If Orchid-flowering or Single Dahlias are cut before the pollen shows, they will hold their petals and keep for days.

Beaver. Deep crimson-carmine with white shadings on face of petals. Roots, 50 cts. each. Plants, 35 cts.

Buttercup. Ideal for garden or landscape as the bush is a healthy grower, low branching, and full of perfectly formed, graceful flowers. Stems are strong and erect and flowers keep for days when used in arrangements, for which they are very artistic and dainty. Light buttercup- or deep lemon-yellow. Roots, 75 cts. each. Plants, 50 cts.

Everest. Pure white throughout. Long, graceful recurving florets. Roots, 50 cts. each. Plants, 35 cts.

Mavis. Light lilac ground, with deep reddish purple reverse. Roots, 50 cts. each. Plants, 35 cts.

Polly. Sunflower-yellow ground, with carmine-lake reverse. Roots, 50 cts. each. Plants, 35 cts.

Ruby. Light ground, shaded with Tyrian-rose; deep Tyrian-rose reverse. Roots, 50 cts. each. Plants, 35 cts.

Twinkle. We believe this little Orchid-flowered variety caused more favorable comment than any other Dahlia this season. It is not only graceful and perfect in form, but a beautiful white with distinct violet-rose markings on the reverse of the petals, which roll forward and show on the face of the flower. Very useful and striking in color effect for arrangements, as the flower has a light, airy appearance, both in color and form. Plants, $1 each.

Vesper. Its color is white, heavily suffused Tyrian-rose. The stems are long and erect and the bush compact. Very showy for landscape work and arrangements. Roots, $1 each. Plants, 50 cts.

POMPON DAHLIAS

Pompon Dahlias are very similar to the Show Dahlias, but smaller. They are of medium growth and well suited for the border. This class was very popular years ago, and, with a great many other things, is regaining the favor of the flower-lover.

Aimee. A popular tiny orange-cadmium Dahlia, shaded apricot, on long stems. Roots, 25 cts. each.

Bob-White. Described as a white Johnny. It is milk-white, having just a cast of yellow when opening. Roots, 25 cts. each.

Eureka. Yellow-cadmium with carmine shadings at tips and occasional white petals; some flowers all white. Roots, 25 cts. each.

Goldilocks. Gold, deepening at center; flowers well formed with full centers. Good for exhibiting and cutting. Roots, 35 cts. each.

Helen Anita. A beautiful lilac with a lighter reverse and white center. Very attractive and good for cutting. Roots, 35 cts. each.

Honey. Primrose-yellow, with faint suffusion of red on edges of petals. Free flowering, on long stems. Roots, 35 cts. each.

Jack. Purple-garnet. Compact, low-growing, symmetrical bush of dark green, supplying tone and richness among light flowers. Blooms perfectly formed throughout the season, and an incessant bloomer. Roots, 50 cts. each. Plants, 50 cts.

Johnny. The most perfect and smallest dark red or maroon Dahlia grown. Roots, 35 cts. each.

Little Edith. As perfect a Pom as you can wish for. Primrose-yellow, tipped bright carmine. Roots, 25 cts. each.

Mike. Burnt-orange, shading lighter at the outer petals. Attractive, and a profuse bloomer. Roots, 25 cts. each.

Snowclad. One of the best all-round pure whites. Free, early bloomer. Roots, 25 cts. each.

Sunny Daybreak. Lemon-yellow, heavily tipped cardinal. Flowers of good form. Roots, 25 cts. each.

Yellow Gem. Clear canary-yellow, of fine form. Roots, 25 cts. each.

COLLARETTE DAHLIAS

Collarette Dahlias are single flowers with a row of different colored petals inside of the outside row, giving the appearance of a collar.

Erica. Deep amaranth-red, almost black; collars of same tone with white tips. Roots, 75 cts. each. Plants, 50 cts.

Fille. Bright yellow with self-colored collar. Fine stems, and a good keeper in the garden or in the showroom. Plants, 50 cts. each.

Mitzi. Crimson-carmine shading to primrose-yellow at center and edged white. Bushes branch and bloom freely; stems erect. Flowers keep well on bush or when cut. Roots, $1 each. Plants, 50 cts.

Sofa. Soft scarlet, with pale lemon collar. Its strong bushes and profuse blooming habit make this striking variety very desirable for landscape effect, also nice for cutting. Plants only, 50 cts. each.

SINGLE VARIETIES

Doris. A brilliant carmine, heavily tipped pure white. Very distinct and striking. Roots, 25 cts. each.

Garnet Poinsettia. Rich, glowing garnet with a brilliant, glistening sheen. Large blooms of poinsettia form are held on long, stiff stems on strong plants, producing profusely. Roots, 25 cts. each.

James Weller. Effective because of its color combination of rich golden yellow with central zone of each petal soft rosy red. Large, well-formed blooms are held erect on long, stiff stems. Roots, 35 cts. each.

Lois. This charming pink Single attracts much attention and is one of the best keeping of its type. The deep golden yellow center adds much to the beauty of the flower. Stems are ideal, both in the garden and for decoration. Roots, 50 cts. each.

Tango. A lively autumn tint—cadmium-yellow, shaded scarlet-orange. Roots, 25 cts. each.

Yellow Bird. A bright, clear lemon-yellow of good keeping qualities. Petals are uniform and of good substance and the erect blooms face partially upward. Roots, 75 cts. each. Plants, 50 cts.

4 Lovely Hardy LILIES!

1. Auratum *2. Tigrinum splendens*
3. Speciosum rubrum *4. Regale*

Special Offer . . . One Mammoth Bulb of each of the 4 Lilies, **$1.50**

Four Excellent ROSES

BETTER TIMES
Plant Patent No. 23
$1.50 each

Plant Patent
No. 38

MEVROUW G. A. VAN ROSSEM
$1 each

COUNTESS VANDAL
$1 each

AUTUMN
85 cts. each

WATERER'S SUPERB GLADIOLUS

CULTURE. Gladiolus are easily grown in any ordinary good garden soil, provided the situation is sunny. They may be planted in rows, beds, or groups 6 inches apart, covered with 3 to 4 inches of soil. Press the earth firmly around the bulbs. Water freely but always after sundown and cultivate frequently to prevent the surface of the soil from hardening. A succession of blooms can be had by planting the bulbs at intervals of two weeks from about April 15 to July 1.

ALBATROSS. Unquestionably one of the best of the large whites. Flowers are absolutely without blotches or throat-markings. 15 cts. each; $1.50 per doz.; $10 per 100.

BERTY SNOW. Light lavender-orchid color; giant blooms. Tall and vigorous. One of the very best in its color and by some considered better than Minuet. 8c. each; 80c. per doz.; $5.50 per 100.

BETTY NUTHALL. A warm, light coral, with pale orange throat and a light feathering of carmine. Flowers are often 6 inches across, of splendid substance and well placed on tall, strong spike. One of the best Gladiolus of later introduction. 7 cts. each; 75 cts. per doz.; $5 per 100.

BLUE TRIUMPHATOR. Pale, soft China blue with silver gloss, lower petals overlaid with markings of bluish purple. The largest blue yet introduced. Large spike; well-placed flowers. 30 cts. each; $3 per doz.; $20 per 100.

Captain Boynton. Large, beautiful lavender flowers, with deeper blotch on lower petals, perfectly placed on tall, strong stem. An excellent variety and early forcer. 7 cts. each; 75 cts. per doz.; $5 per 100.

CATHERINE COLEMAN. Rich coral-La-France-pink. Very large flowers, well placed on tall, strong stem. One of the aristocrats and considered by many as the world's choicest pink. An exceedingly fine variety. 9 cts. each; 90 cts. per doz.; $6.50 per 100.

COMMANDER KOEHL. Large, brilliant scarlet-blood-red flowers on tall, strong stems. A recent introduction which is considered one of the finest and sturdiest of the dark reds. 11 cts. each; $1.15 per doz.; $8 per 100.

CORYPHEE. The purest pink with large, round, well-formed florets; from 8 to 10 open at one time, on tall, strong stems. A wonderful variety. 15 cts. each; $1.50 per doz.; $10 per 100.

Dr. F. E. Bennett. Very large flower of great substance, peach-red, overlaid with flame-scarlet, throat speckled ruby and creamy white; many open at a time on strong stem. Sturdy grower. 8 cts. each; 80 cts. per doz.; $5.50 per 100.

EMILE AUBURN. Indescribable blend of rose and orange, with a slaty gray overtone; scarlet and rose blotch on lower petal. Long spike of well-placed flowers of most unusual coloring. 7 cts. each; 75 cts. per doz.; $5 per 100.

Giant Nymph. Light rose-pink, with creamy yellow throat. Very large, wide-open flowers, well arranged on long stems. 6 cts. each; 65 cts. per doz.; $4.50 per 100.

GLORIANA. Finest golden salmon, with pure yellow throat. Large, well-open flowers, many open at a time, on always straight, strong, and tall stems. A very beautiful variety. 7 cts. each; 75 cts. per doz.; $5 per 100.

GOLDEN DREAM. Pure golden yellow. The spike and size of flower is like Golden Measure, though its color is a better and clearer yellow. This variety will become one of the leading yellows. 7 cts. each; 75 cts. per doz.; $5 per 100.

Golden Measure. Very large pure golden yellow flowers of good substance. Robust grower and considered the best yellow on the market. A super-Glad. 7 cts. each; 75 cts. per doz.; $5 per 100.

Halley. Delicate salmon-pink with a slight roseate tinge, though the lower petals bear a creamy blotch with a stripe of bright red through center, the whole producing a delightful effect. 6 cts. each; 65 cts. per doz.; $4 per 100.

HEAVENLY BLUE. Large, clear, delicate lavender-blue of great refinement and elegance. Truly a gorgeous color; large flowers on long, graceful stem. 12 cts. each; $1.25 per doz.; $9 per 100.

JOERG'S WHITE. One of the finest white Gladiolus. Flowers average 6 inches across, with 7 to 8 open at one time on strong, tall spikes. Glistening snow-white, faint crimson vein in the throat. 10 cts. each; $1 per doz.; $7 per 100.

MARMORA. Lavender to lavender-gray, with petunia-colored blotch. Eight to twelve very large flowers open at once, are well arranged on tall, strong stems. One of the best Gladiolus ever introduced. 8 cts. each; 85 cts. per doz.; $6 per 100.

MILDRED LOUISE. A glorious, outstanding newer varicty of a delightful warm salmon-pink. Very large, graceful blooms arranged beautifully on a splendid tall and sturdy stem. 35 cts. each; $3.50 per doz.; $25 per 100.

MINUET. Beautiful clear, light lavender. Four to six large, heavily textured blooms open at once on a good, strong stem. This is the lavender by which all other lavenders are judged. Considered by most growers as the last word in a light lavender Gladiolus. 10 cts. each; $1.10 per doz.; $7.50 per 100.

MOTHER MACHREE. Wine, tinted lavender, overlaid with shade of salmon-pink toward the edges. Very attractive, large, well-placed flowers borne on tall, strong stems. Should be in every garden. 17 cts. each; $1.75 per doz.; $12 per 100.

Mr. W. H. Phipps. Clear pink with light salmon reflex, lighter toward center, lips faintly speckled ruby. Flowers truly enormous, forming massive spikes of great beauty. 7 cts. each; 75 cts. per doz.; $5 per 100.

Mrs. Dr. Norton. Fresh clear apple-blossom-pink; large flowers on long, slender spikes; distinct in form, with all the daintiness of a Sweet Pea. 7 cts. each; 75 cts. per doz.; $5 per 100.

Mrs. F. C. Peters. Light lavender with pink tints and soft crimson blotch. The large flowers are slightly ruffled and many open at a time on a strong stem. 7 cts. each; 75 cts. per doz.; $5 per 100.

Mrs. Francis King. Color is brilliant vermilion-scarlet. It is one of the best for cut-flower purposes. The individual blooms are as much as 4½ inches across and five or six are usually expanded at one time, the reserve buds opening as the older flowers pass. 6 cts. each; 65 cts. per doz.; $4 per 100.

Mrs. Frank Pendleton. Flowers deep rose-pink, shading to pale pink in throat; large, bright crimson blotches on lower petals, giving it a striking appearance. Tall, vigorous grower. Extra cut-flower. 6 cts. each; 65 cts. per doz.; $4 per 100.

Mrs. Leon Douglas. Begonia-rose, striped with flame-scarlet, lower petals pale lemon, speckled ruby. Tremendously large flowers, many open at a time. Very tall, strong stem, with several side shoots, the whole forming a gigantic bouquet. Considered one of the largest Glads in existence. 7 cts. each; 75 cts. per doz.; $5 per 100.

MRS. P. W. SISSONS. Clear cameo-pink of large size; very sturdy and vigorous. 7 cts. each; 75 cts. per doz.; $5 per 100.

Picardy Gladiolus

MRS. VAN KONYNENBURG. Matchless aniline-blue—far better than the color of any other blue variety. Grows 5 feet tall. Stems erect, with flowers well placed. Even the very last top flower opens up in its true color. Without a doubt the best blue variety. 8 cts. each; 80 cts. per doz.; $5.50 per 100.

In cutting Gladiolus for the house, it is best to cut the spikes as soon as the first one or two lower flowers are open. The remainder will open in the house. Remove the faded flowers, cut a little off the stem, and change the water every day; treated in this way a spike will last a week or ten days and as a rule the colors are more refined when developed in the house.

WATERER'S SUPERB GLADIOLUS, continued

Nancy Hanks. Rich apricot to orange-pink, with grenadine tongue. Six or more flowers open at once. Well arranged on strong stem and of good substance. Will not burn in the hottest sun. 7 cts. each; 75 cts. per doz.; $5 per 100.

PFITZER'S TRIUMPH. A Super-Gladiolus. One of the best ever introduced. Color resembles the variety Dr. Bennett, but the flowers are larger and of twice the substance; better shape and nicer form, measuring 6 to 7 inches in diameter; bright orange-salmon with small velvet red mark. 8 cts. each; 85 cts. per doz.; $6 per 100.

PICARDY. One of the most beautiful light pink colors in existence. Tall, straight spike with beautiful, wide-open, well-placed florets, 5 to 6 inches across. A variety of great substance and by many considered the best pink ever introduced. 15 cts. each; $1.50 per doz.; $10 per 100.

Primrose Princess. Clear primrose-yellow, lower petals rich amber-yellow, with soft carmine markings in throat. 10 cts. each; $1.10 per doz.; $7.50 per 100.

Purple Glory. The large, ruffled flowers are deepest velvety maroon with almost black blotches and are borne on very tall, sturdy stems. A real giant in all respects. 8 cts. each; 80 cts. per doz.; $5.50 per 100.

Richard Diener. Geranium-pink, with creamy yellow center, flaked carmine; ruffled. Immense blossoms on tall, stately spike. 10 cts. each; $1.10 per doz.; $7.50 per 100.

Rose Ash. Old-rose overlaid and blended with pink, blue, and red, giving the color of ashes of roses, hence its name. Large flowers on tall, strong spikes. Very attractive. 8 cts. each; 80 cts. per doz.; $5.50 per 100.

SCARLET WONDER. Purest deep scarlet, mammoth flowers, many open at a time on tall, stiff stems. A real giant. 7 cts. each; 75 cts. per doz.; $5 per 100.

VEILCHENBLAU. True violet-blue flowers of large size, well placed on good stems. The best of the darker so-called blues. 10 cts. each; $1.10 per doz.; $7.50 per 100.

Giant-flowering Mixture. An unexcelled blend of the largest possible number of fine and distinct varieties. 5 cts. each; 50 cts. per doz.; $3.50 per 100.

Fine Mixture. A popular low-priced mixture composed of all colors and shades. 10 cts. for 3; 40 cts. per doz.; $2.50 per 100; $22.50 per 1,000.

PRIMULINUS HYBRID GLADIOLUS

These new varieties, gained by crossing the large-flowered Gladiolus with the yellow African species, *Gladiolus primulinus*, are wonderfully artistic in form and dainty in color. The first hybrids produced were rather small-flowered and distinctly hooded, but the newer hybrids which we offer are nearly as large as the ordinary Gladiolus, while the tendency of the upper petal to droop has been eliminated to a considerable extent. They still retain, however, the graceful form of their Primulinus parent. On account of their tall, slender growth they are not well adapted for massing, but are unsurpassed for cutting and as specimen plants scattered in the border.

Alice Tiplady. The largest orange Primulinus, with wide-open flower, not hooded, and varying in color, the three large outer petals being rich orange and the lower inside ones lighter. It is medium early and forces splendidly. Frequently gives two stalks to a bulb. 6 cts. each; 65 cts. per doz.; $4 per 100.

ANNIE LAURIE. Heavily ruffled, delicate pink flowers, overlaid with light rose-pink; light purplish lines in the throat. One of the most exquisitely beautiful Glads in existence. 6 cts. each; 65 cts. per doz.; $4 per 100.

Golden Frills. Deep, rich daffodil-yellow with slight pink lines on lower petals; intensely ruffled and very attractive. Large, open flowers. 7 cts. each; 75 cts. per doz.; $5 per 100.

Jewell. Light salmon-pink, with beautiful golden yellow throat. Flowers large and wide open on long, slender stems. Early. 6 cts. each; 65 cts. per doz.; $4 per 100.

Maiden's Blush. Finely formed flowers of exquisite blush-pink, on wiry stems. Very free flowering and exceedingly early. Considered the best of all early Primulinus. 6 cts. each; 65 cts. per doz.; $4 per 100.

Orange Queen. Purest apricot, of a very warm tint. Large, open flowers on good stems. Justly considered one of the very choicest novelties in Primulinus Hybrids. 6 cts. each; 65 cts. per doz.; $4 per 100.

Souvenir. Superb deep yellow self. Tall-stemmed, large hooded flowers facing forward, four to six open at the same time. 6 cts. each; 65 cts. per doz.; $4 per 100.

THE ORCHID. Really new type of Gladiolus. Long, narrow petals, slightly notched and ruffled. Color is orchid over white, with rose-lilac feathering in throat. The most orchid-like Gladiolus in the world. 11 cts. each; $1.15 per doz.; $8 per 100.

Primulinus Hybrids, Mixed. A most extensive assortment of all the newest and rarest hybrids. 5 cts. each; 50 cts. per doz.; $3.50 per 100.

MONTBRETIA

Montbretias are one of the brightest of the summer-flowering bulbs, giving a profusion of flowers ranging in color from golden yellow to glowing scarlet. The medium-sized, single flowers are gracefully arranged along a clear, stiff stem about 2 feet long, making a most desirable cut-flower. The dainty gracefulness of these flowers in the vase or on the plant cannot be surpassed. The plant has about the same character of growth as gladiolus and the bulbs should be handled in the same manner.

Fire King. Glowing scarlet; fine branched spikes and dark green foliage. 7 cts. each; 75 cts. per doz.; $5 per 100.

George Davison. Pale orange-yellow, pointed petals; stems much-branched and tall. 11 cts. each; $1.15 per doz.; $8 per 100.

His Majesty. Exceptionally large, clear yellow flowers shaded crimson-scarlet. An outstanding variety. 30 cts. each; $3 per doz.; $20 per 100.

King Edmund. Rich golden yellow, with brown markings in the center; well-branched, sturdy variety. 11 cts. each; $1.15 per doz.; $8 per 100.

Lady Hamilton. Soft yellow, center petals suffused with rosy apricot—a rare color. 15 cts. each; $1.50 per doz.; $10 per 100.

Lord Nelson. Outside crimson; inside orange-scarlet, with yellow eye. Very effective. 15 cts. each; $1.50 per doz.; $10 per 100.

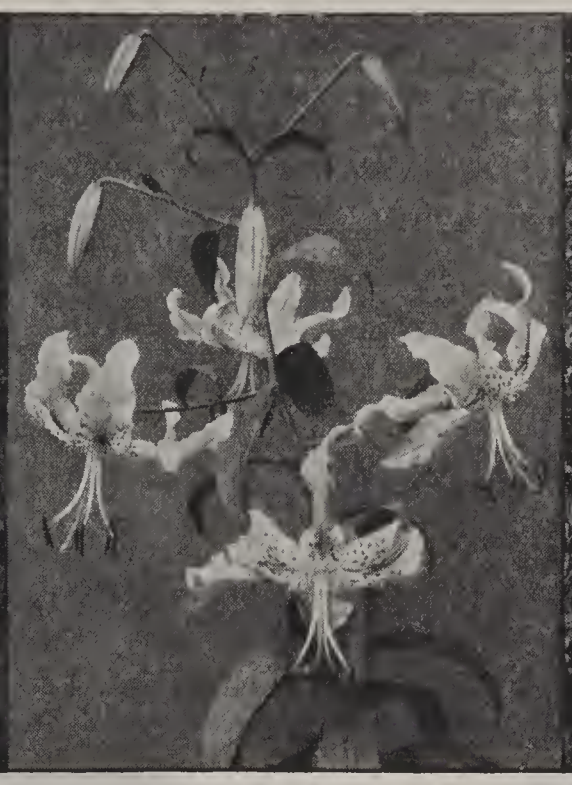
Queen Alexandra. Flowers large and beautiful, chrome-yellow with carmine blotch at base of petals. 20 cts. each; $2.25 per doz.; $16 per 100.

Star of the East. Flowers are very large and of exquisite coloring—light yellow center shading to orange-yellow. One of the best. 40 cts. each; $4 per doz.; $30 per 100.

Una. Flowers rich apricot with carmine blotch, well shaped, and of good substance. 25 cts. each; $2.25 per doz.; $16 per 100.

Montbretia

Lilium auratum



Lilium speciosum

Lilium regale

HARDY LILIES (*Lilium*)

No class of plants capable of being cultivated outdoors possesses so many charms. Rich and varied in color, stately and handsome in habit, profuse in variety, and of delicious fragrance, they stand out prominently from all other hardy plants, and no herbaceous border, however select, should be without a few of the best sorts. With a well-selected collection, Lilies may be had in bloom from June till October.

Lilies thrive best in a well-dug, rich soil. Deep planting is recommended—at least 6 inches deep for most, and more than that for the Speciosum varieties. For best effects place the bulbs in clumps of six or more, with at least one inch of sand beneath, over, and around each one, then cover with soil. Although these Lilies are generally known as hardy, it is advisable to cover the surface with leaves or litter in late fall as a protective measure against frost.

Auratum (Golden-banded Lily). This superb Lily has flowers 8 to 10 inches in diameter composed of six white petals, thickly studded with rich chocolate-crimson spots and a bright golden band through the center of each petal; exquisite vanilla-like perfume. This variety is peculiar in that it does not take kindly to having any kind of manure near its roots. Flowers in August.

	Each	Doz.	100
Mammoth Bulbs	$0 50	$5 00	$35 00
Monster Bulbs	70	7 00	50 00

Auratum platyphyllum. The most vigorous and hardy Auratum. Broad petals with yellow band, but somewhat lighter colored spots. Stem-rooting; plant deep.

	Each	Doz.	100
Mammoth Bulbs	$0 65	$6 50	$45 00
Monster Bulbs	80	8 00	55 00

Batemanniæ. A most beautiful Japanese variety, growing 3 feet high, with six to eight apricot-colored flowers on a stem. Blooms in July and August. 40 cts. each; $4 per doz.; $30 per 100.

Hansoni. A very rare and beautiful Lily, unsurpassed in vigor of growth. Blooms extra early. Flowers are large, of a bright yellow, tinged orange and spotted maroon, with thick wax-like petals, appearing in clusters of eight to twelve flowers. One of the finest Lilies known and has a host of admirers. 75 cts. each; $7.25 per doz.; $50 per 100.

Henryi. A rare and beautiful Lily from the mountains of China. It is very hardy, a strong healthy grower, and, without doubt, one of the best Lilies for garden culture. The flower stalks, 3 to 5 feet high, carry five to eight flowers each. In color it is a rich apricot-yellow, lightly spotted with brown. Sometimes called "The Yellow Speciosum."

	Each	Doz.	100
Mammoth Bulbs	$0 65	$6 50	$45 00
Monster Bulbs	75	7 25	50 00

Pardalinum (Leopard Lily). Rich scarlet and yellow flowers, spotted with rich brown. Robust and free-flowering. A very showy Lily. 40 cts. each; $4 per doz.; $30 per 100.

Philippinense formosanum. A new, graceful Lily growing 2 to 3 feet high, with large, white, trumpet-shaped blooms, suffused on the exterior with reddish brown; tips of petals elegantly recurving. Possesses a delightful fragrance and blooms in July. Stem-rooting; plant 8 inches deep. 35 cts. each; $3.75 per doz.; $25 per 100.

Regale (*L. myriophyllum*). A new and very rare Lily from China. The flowers are white, shading to yellow in the center, with a pink tinge in the outer edges. A strong grower, some 3 or 4 feet high. It is deliciously scented, and its extreme hardiness makes it a valuable Lily for outdoor planting.

	Each	Doz.	100
Mammoth Bulbs	$0 35	$3 75	$25 00
Monster Bulbs	50	5 00	35 00
Selected Monster Bulbs	65	6 50	45 00

Speciosum album. A charming, late-flowering, pure white hardy garden Lily of easy culture.

	Each	Doz.	100
Mammoth Bulbs	$0 70	$7 25	$50 00

Speciosum magnificum. An enormous rich deep red flower, spotted crimson. Blooms in August.

	Each	Doz.	100
Mammoth Bulbs	$0 50	$5 00	$35 00
Monster Bulbs	70	7 25	50 00

Speciosum melpomene. White blooms, heavily spotted and overlaid with crimson.

	Each	Doz.	100
Mammoth Bulbs	$0 50	$5 00	$35 00
Monster Bulbs	70	7 25	50 00

Speciosum rubrum (*L. speciosum roseum*). Rosy white, heavily spotted with rich crimson.

	Each	Doz.	100
Mammoth Bulbs	$0 50	$5 00	$35 00
Monster Bulbs	70	7 25	50 00

Superbum. Flowers nodding, brilliant orange-red, from twenty to forty. Blooms in July. 3 to 6 ft. 30 cts. each; $3 per doz.; $20 per 100.

Tigrinum splendens (Improved Tiger Lily). Bright orange-red, spotted with black; very showy. 4 to 5 ft. 30 cts. each; $3 per doz.; $20 per 100.

Tigrinum flore-pleno (Double Tiger Lily). Double, showy flowers of orange-red, spotted with black. 35 cts. each; $3.75 per doz.; $25 per 100.

COLD-STORAGE LILIES FOR FORCING
WRITE FOR PRICES

FOR FLOWER NOVELTIES AND SPECIALTIES, see pages 6 to 11

WATERER'S CHOICE BEDDING AND DECORATIVE PLANTS

NOTE.—THESE PLANTS, EXCEPT AS NOTED, CANNOT BE SHIPPED OUT OF THE JAPANESE BEETLE AREA

Alyssum, Little Gem

Agapanthus umbellatus · African Lily

A splendid ornamental plant, producing a profusion of large clusters of bright blue flowers on long stems and lasting a long time in bloom. When planted in large pots or tubs, there is no finer plant for lawn, terrace, or piazza. Plants from 6-in. pots, $1.25 each.

Ageratum, Blue Perfection · Floss Flower

One of the best bedding plants, as it can be depended on to bloom continually during the summer. It is particularly valuable on account of a scarcity of blue among our bedding plants. Plants from 4-in. pots, 35 cts. each; $3.50 per doz.

Aloysia citriodora · Lemon Verbena

A well-known plant that is valued for the odor of its foliage. Plants from 3-in pots, 30 cts. each; $3 per doz.

Alyssum, Little Gem

A dwarf white variety that is fine for edging. Plants from 2¼-in. pots, $1.25 per doz.

Antirrhinum · Snapdragon

This old favorite is one of the most beautiful and useful border plants of our gardens. Its graceful flowers are borne on long stems and in the greatest diversity of colors. The spikes of flowers are most brilliant and showy. **Half-Dwarf Pink, Scarlet, White,** and **Yellow.** 15 cts. each; $1.50 per doz.; $10 per 100.

Asters, Giant Comet

An ideal class for cut-flowers, being not only most profuse bloomers, but each flower is borne on a stiff stem and resembles an exquisitely curled and twisted Japanese chrysanthemum. 2 feet. $1 per doz.; $7.50 per 100.

Begonias

Everblooming Bedding Varieties

Gracilis, Luminosa. Large, bright scarlet flowers. Reddish brown foliage.
Gracilis, Prima Donna. Forms a broad, full bush with dense foliage. The flowers are a brilliant clear pink, shading to carmine rose.

All Begonias, plants from 4-in. pots, 35 cts. each; $3.50 per doz.

CHOICE CANNA PLANTS

Ready about May 10

No other flower will make such an attractive bed. Their rapid growth, freedom of bloom, and ornamental foliage make them very desirable for planting in beds, on lawn, or in border. **Cannas can be shipped out of Japanese Beetle area.**

Bronze Foliage

King Humbert. 5 to 6 ft. Its flowers, which, under ordinary conditions measure 3 inches in diameter, are produced in heavy trusses of gigantic size, are of a brilliant orange-scarlet, with bright red markings, while the foliage is broad and massive and of a rich coppery bronze, with brownish green markings. 30 cts. each; $3 per doz.; $20 per 100. Roots, 20 cts. each; $2 per doz.; $12.50 per 100.

Wyoming. 6 ft. Bronze-purple foliage and immense spikes of large, massive orange flowers. 30 cts. each; $3 per doz.; $20 per 100.

Bed of Cannas

Giant Comet Aster

Red-flowering, Green Foliage Cannas

Antoine Wintzer. 4½ ft. Intense crimson-scarlet flowers. Trusses are very large and individual florets are immense. 30 cts. each; $3 per doz.; $20 per 100.

Lahneck. 4 ft. Rosy carmine flowers with scarlet suffusion and narrow golden yellow border. 30 cts. each; $3 per doz.; $20 per 100.

Mrs. Herbert Hoover. 5 ft. Giant watermelon-red flowers arranged in large trusses on a heavy and vigorous plant. 30 cts. each; $3 per doz.; $20 per 100.

The President. 4 ft. This splendid variety produces immense flowers of a rich, glowing scarlet. It is superior in quantity and quality of bloom to any other red Canna. Green foliage. Widely used in parks for brilliant mass effects. 30 cts. each; $3 per doz.; $20 per 100. Roots, 20 cts. each; $2 per doz.; $12.50 per 100.

Pink-flowering, Green Foliage

Hungaria. 3½ ft. A magnificent variety of strong, robust habit, with enormous trusses of deep pink flowers carried well above the foliage. One of the best pink sorts. 30 cts. each; $3 per doz.; $20 per 100.

Mrs. Pierre S. du Pont. 4 ft. The finest of all the newer Cannas. The flowers are a vivid watermelon-pink that makes a striking display planted in beds or borders. 35 cts. each; $3.50 per doz.; $25 per 100.

Bed of Geraniums

Pink-flowering, Green Foliage Cannas, continued

Rosea Gigantea. 4 ft. A giant in size of flower and general worth. The blooms are a charming shade of soft rose, shading to carmine-pink, particularly clear and pleasing to the eye. A wonderful bloomer and a fine grower. 30 cts. each; $3 per doz.; $20 per 100. Roots, 25 cts. each; $2.50 per doz.

Uhlberg. 3½ ft. Entirely distinct. The flowers expand very fully and are of a soft rosy carmine, with creamy yellow throat and edges of the petals. 30 cts. each; $3 per doz.

Yellow-flowering, Green Foliage

Favorite. 4½ ft. Deep golden yellow flowers, overspread with minute red dots which, however, do not detract from the general color effect—a pretty golden yellow. Vigorous growth and handsome foliage. 30c. each; $3 per doz.; $20 per 100.

Golden Eagle. 4 ft. A very free and early-blooming Canna of a clear golden yellow color, throwing its showy trusses well above the foliage. No other pure yellow equals it in all-round worth and effectiveness. 30 cts. each; $3 per doz.

The Gem. 4½ ft. The immense trusses of flowers are borne on upright, branching stems, well above the foliage and are of deep cream or straw-yellow, dotted with carmine. Very attractive and unusually refined. 30 cts. each; $3 per doz.

Yellow King Humbert. 5 to 6 ft. Possesses the vigor, freedom, and size of bloom of the old King Humbert variety, but has bright green foliage and produces large masses of yellow flowers dotted with red. 30 cts. each; $3 per doz.; $20 per 100. Roots, 20 cts. each; $2 per doz.; $12.50 per 100.

Coleus

Familiar to all, and it cannot be excelled for bedding purposes. The foliage is very beautifully marked in many shades, yellows and reds predominating.

Golden Bedder. Golden yellow. The old original Coleus. True to name.
Queen Victoria. Cardinal-red with distinct golden border.
Verschaffelti. Standard crimson.

All Coleus, plants from 2¼-in. pots, $1.25 per doz.; 4-in. pots, $3.50 per doz.

Dracæna Indivisa

This variety is used extensively as a center plant for vases and for porch and window-boxes. It will stand full exposure to the sun and its long, graceful, narrow leaves make a beautiful contrast with other plants. Plants from 4-in. pots, 75 cts. each; 5-in., $1; 6-in., $1.50.

Geraniums

Alphonse Ricard. The handsome, perfectly formed, semi-double flowers of a bright vermilion-scarlet are produced in profusion.
Beaute Poitevine. A great favorite and conceded to be one of the best of the semi-double bedders. The color is a beautiful shade of pink.
La Favorite. One of the finest double whites in its class. Pure in color. The pure white flowers are enormous.
S. A. Nutt. Handsome, dark, velvety scarlet flowers with maroon shading. A vigorous, clean, compact grower.

All Geraniums, plants from 4-in. pots, 35 cts. each; $3.50 per doz.

Flowers of the Moon-Vine

Heliotrope

Its delightful perfume makes it a most desirable bouquet flower, and it is also a splendid bedding plant. Plants from 4-in. pots, 30 cts. each; $3 per doz.

Lantana

Hydrangea opuloides Otaksa

Used extensively at the Atlantic seashore resorts, producing immense heads of usually pink but sometimes blue flowers. Plants from 5-in. pots, 75 cts. each, $7.50 per doz.; 6-in., $1.25 each, $12 per doz. **These can be shipped out of Japanese Beetle area.**

Lantanas

Quite popular on account of their bright, showy colors, running through scarlet, yellow, pink, and lavender. Plants from 4-in. pots, 30 cts. each; $3 per doz.

Moon-Vines

A quick-growing vine, with rich green foliage. Best vines for covering porches, etc. At night and during dull days the plants are covered with an abundance of large, pure white, fragrant flowers. Plants from 4-in. pots, 35 cts. each; $3.50 per doz.

Petunias, Giant Fringed

The largest flowering of all, and the most beautifully marked. The blooms have finely fringed edges and very deep wide-open throats. Mixed colors, plants from 4-in. pots, 30 cts. each; $3 per doz.

Salvia · Scarlet Sage

This gorgeous and effective bedding subject is by all means the most conspicuous and useful of the late summer-flowering annuals. It produces its showy, scarlet spikes in the greatest profusion from July until frost. $1 per doz.; $7.50 per 100.

Vinca · Periwinkle

Variegated. A beautiful white and green trailing vine adapted to window-boxes, hanging-baskets, and vases. Plants from 4-in. pots, 35 cts. each; $3.50 per doz.

Zinnias, Giant Double · Youth and Old Age

A splendid annual for bedding or cutting purposes. $1 per doz.; $7.50 per 100.

NOTE.—All Plants are forwarded by express, purchaser paying charges.
No plants sent C. O. D.

ROSES FOR YOUR GARDEN

Few plants, indeed, give greater satisfaction and more joy to the garden-lover than the Rose, and few are as easily grown, so that even the amateur, who has never tried it before, has the assurance of success if simple directions are followed. The modern everblooming or Hybrid Tea Roses offer the widest range for selection. These Roses bloom continuously from June until frost and give the greatest satisfaction. Many recent developments have outclassed former favorites, and our list includes only the finest, sturdiest, and hardiest of the modern everblooming sorts. Dormant Roses are strongly recommended and they should be planted as soon as possible after the ground has opened, preferably during April and early May. After May 15, when growth has started, we ship pot-grown plants.

Planting. We recommend spring planting of 2-year-old stock that has been prepared far in advance by being potted up in the fall and carried through the winter in coldframes. These plants have an active, fibrous root-system and are shipped during the month of May. They are in bud at all times during the season and ready to begin blooming at once. The ball of earth surrounding the roots should be planted 3 inches below the surface of the soil and thoroughly watered. Grafted or budded Roses are more vigorous, produce more and better flowers, are more hardy and are less susceptible to disease. If planted as directed, wild suckers will rarely appear. These may easily be detected, as they always appear below where the plant is grafted.

Summer Culture. The Rose-bed should be cultivated every week, and a light syringing during the latter part of the day is beneficial. During dry periods, thoroughly soak the bed until the water is not immediately absorbed, and after watering, the bed should be cultivated as soon as the ground can be worked.

Insects. For green fly or aphis, we recommend a solution made of one heaping tablespoonful of soft soap dissolved in three gallons of water. To this add a tablespoonful of Black-Leaf 40. This, applied in a fine spray, will prove an infallible remedy.

Pruning. Hybrid Perpetuals should be pruned as early in spring as the weather permits—not in the fall. Thin out weak shoots and side growths and cut back the remaining wood to from two to eight eyes. Hybrid Tea and Tea Roses require the same treatment as the Hybrid Perpetuals. Cut the weak-growing varieties nearly to the ground and they will produce excellent flowers in June. Climbing Roses require the pruning out of all wood that is over two years old; the remaining wood should not be pruned until after flowering.

Substitution. Please Read. We will not book an order unless we are reasonably sure that it will be completed at the proper time. However, if, through circumstances beyond our control, a variety may not be in condition to ship at planting-time, we will substitute an equally good or better variety in the same color.

Select Hybrid Tea Roses

All Hybrid Tea Roses on this and the next page, 85 cts. each; $9 per doz., unless otherwise noted

Autumn. Burnt-orange, streaked and marked with red. Bud of medium size, developing into a cupped, double, fragrant, attractive flower.

Better Times. Plant Patent No. 23. An outstanding Rose with long crimson buds opening into large, double, brilliant cerise-red flowers. They have a delicate fragrance and are produced on long stems. Very free flowering. $1.50 each.

Betty Uprichard. A pretty combination of colors: inner face of petals delicate salmon-pink to carmine, outside glowing carmine with coppery sheen and orange suffusion; well-formed medium-sized flowers of good substance and sweet scented.

Chateau de Clos Vougeot. Beautiful flowers of a brilliant scarlet, shaded fiery red and changing to dark velvety crimson as the blooms expand. Very double and intensely fragrant.

Columbia. One of the finest of the forcing or greenhouse Roses, but also a leader among garden varieties. The fragrant blooms are a lovely peach-pink, shading to a deeper pink at the center and are very freely produced. It is a strong grower, almost thornless, with heavy, luxuriant foliage. The flowers are produced during late summer and fall, and are exceptionally good. Very free and fragrant.

Countess Vandal. Plant Patent No. 38. A vigorous Rose with attractive, long-pointed, orange-copper buds and large, double, high-centered flowers that have a rich fragrance. The color is brilliant pink with a beautiful salmon glow. $1 each.

Dame Edith Helen. Shapely buds and substantial, high-centered blooms of clear pink, sweetly scented and freely produced on long, strong stems. Vigorous. Most remarkable for the number and beautiful arrangement of its petals, and its color is always good.

Duchess of Wellington. A gem among Roses, and the most vigorous growing of the yellow kinds. It has a healthy, luxurious habit, is not subject to mildew, and can be depended on to bloom throughout the season. Color, intense saffron-yellow, becoming deep copper-yellow as the flower expands, occasionally stained rich crimson.

Edel. A British introduction of exhibition quality, producing large, beautifully formed flowers of ivory-white, passing to pure white. A strong grower of uniform habit and very free flowering, opening in all weathers and delightfully fragrant.

Edith Nellie Perkins. An outstanding, vigorous, and free-flowering Rose with long-pointed buds of good size and long-lasting, double, fragrant flowers of Oriental red, shaded cerise-orange; inside salmon-pink.

E. G. Hill. Beautiful long buds of perfect form and full, double, high-centered flowers of dazzling scarlet, shading to a deeper red as they develop. Vigorous; free flowering.

Etoile de Hollande. Particularly healthy growing, free-flowering bedding Rose with large, brilliant red flowers, perfect in half-expanded form.

Feu Joseph Looymans. Remarkable for its long-pointed buds of brilliant Indian-yellow and large, double, cupped, very fragrant flowers. Vigorous; continuous bloomer.

Golden Dawn. The ideal yellow garden Rose. The ovoid, lemon-yellow bud is heavily splashed with crimson and develops into a well-formed, sweetly scented, large, double, sunflower-yellow flower.

Gruss an Teplitz. Bright scarlet-crimson flowers, with vivid, fiery red center. It is quite hardy and extremely free flowering. This is essentially a garden Rose and we recommend it with the utmost confidence. It is much more vigorous in growth than most other Hybrid Teas and ought to be planted in a separate bed.

Hadley. Rich crimson, varying to deep velvety crimson; vigorous, branching growths, each terminating in well-formed, intensely fragrant flowers which are produced continuously.

Joanna Hill. The very large, long-pointed bud opens to a large, full, semi-double, attractive, long-lasting, moderately fragrant flower of a splendid clear yellow color with a golden heart.

John Russell. A handsome, rich deep velvety crimson Rose of very large exhibition type, beautiful both in bud and in the fully expanded double flower. Strong, vigorous grower.

Kaiserin Auguste Viktoria. An old variety but still one of the best, and it should be in every collection. In color it is a soft pearly white tinted with lemon.

Climbing Rose, American Beauty

SELECT HYBRID TEA ROSES, continued

Lady Margaret Stewart. A Rose of unique color. The flowers in the young stage are a deep sunflower-yellow, heavily veined and splashed with orange-scarlet; reverse of the petals deeply suffused with carmine; as the flowers develop, these colors intermingle, forming a beautiful cadmium-orange effect.

Los Angeles. In color a luminous flame-pink, toned with coral and shaded with translucent gold at the base of the petals. The buds are long and pointed and expand into a flower of mammoth proportions.

Margaret McGredy. The large, brilliantly colored, double flowers are an entrancing shade of rich Oriental red, passing to carmine-rose, lasting a long time; light spicy fragrance. The plant is of vigorous, bushy habit; very free flowering.

Mevrouw G. A. van Rossem. A marvelous Rose combining vivid orange and apricot on a golden yellow ground, frequently with touches of bronze on the reverse of the petals. A sweet-scented, perfectly formed flower developing out of a well-formed, ovoid bud. $1 each.

Miss Rowena Thom. Enormous buds and blooms of fiery rose and mauve, shaded with old-gold at the center, borne on long, strong stems. A profuse, continuous bloomer and a very vigorous plant.

Mme. Butterfly. Fine, light pink buds and flowers, tinted with gold near the base of the petals, of exquisite shape and richly perfumed. Plant is strong, throwing up big branching sprays of bloom.

Mme. Caroline Testout. Flowers large, full, globular, satiny rose, with bright center; very free and fragrant. This Rose is grown more extensively than any other, and we are of the opinion that it is still one of the finest garden Roses in cultivation.

Mme. Edouard Herriot. Sparkling buds of coral-red and orange, opening to large, semi-double flowers of indescribably brilliant orange-red and salmon. Plant is moderately strong and very free flowering.

Mme. Jules Bouche. While not a pure white, being at times slightly tinted with blush on the reverse of the petals, we consider it one of the best white bedding Roses. It is quite double, and of fine form in bud as well as in the fully expanded flower. A strong grower and very free flowering.

Mrs. Aaron Ward. Deep Indian-yellow at the center of the flower, shading to primrose-yellow toward the edges of the petals, the whole occasionally washed soft salmon-pink as the flower expands. The color is somewhat variable with changing weather conditions but always beautiful. Hardy and floriferous. This is one of the best Roses in this color.

SELECT HYBRID TEA ROSES, continued

Mrs. A. R. Barraclough. We have in this variety a most distinct and valuable bright, but soft sparkling carmine-pink of even tone that passes to a yellow at the base of the petals. The buds are long-pointed and develop into full, double flowers of model form; very fragrant.

Mrs. Erskine Pembroke Thom. Generally conceded to be immensely superior for garden planting to Souvenir de Claudius Pernet and others of that type. The fine long buds open into perfectly shaped, open flowers of rich lemon-yellow. Very vigorous and continuously in bloom.

Mrs. Henry Bowles. A splendid, large, well-formed, high-centered, very fragrant flower of an intense brilliant or warm shade of pink with salmon shadings. A model Rose, perfect in every stage of development.

Mrs. Henry Morse. One of the best light pink varieties. Color two contrasting tones of pink, with an underlying yellow glow. Flowers large, full, very high pointed, fragrant. Very free flowering.

Mrs. Wakefield Christie-Miller. Inside of petals soft pearly blush, shaded salmon; outside clear vermilion-rose, illumined with lighter shadings. The flower is unusually large and quite distinct in form, having the desirable build of the Hybrid Perpetual.

Olympiad. This brilliant new red Rose, first sent out spring of 1932, is now available in strong plants at popular prices. The color of Olympiad is unique—a lustrous dark Oriental scarlet, its depth of color accentuated by the golden base and intensified by a rich velvety sheen. The bud is long and pointed and the flower magnificent in every stage of development. $1 each.

Ophelia. Any description of the color of this Rose can only be a partial one, and gives but a faint idea of the superb beauty and richness of the shades—salmon-flesh, shaded with rose. Buds of unusual attractiveness, opening full and double.

Padre. Most attractive and novel in coloring, with long petals of a coppery scarlet flushed with yellow at the base. Growth strong and upright; exceedingly free flowering.

President Herbert Hoover. A glorious Rose, wonderfully free in the easy manner in which it grows and charming in its color arrangement which is a splendid combination of cerise-pink, flame, scarlet, and yellow. This combination of colors gives the most dazzling color effect imaginable. The buds are beautifully pointed, the flowers large, composed of broad, thick, heavy petals with moderate fragrance.

Radiance. An American-bred Rose of so many excellent qualities that it may be considered the best bedding Rose in this color. Flowers large, perfect in form, and produced freely. The vigorous, branchy growth invariably terminates in one or more flowers of a bright carmine-salmon shade, mingled with rose, shading to a coppery yellow at the base of the petals.

Red Radiance. A clear cerise-red sport of Radiance introduced in 1916 and now recognized as a garden Rose of unusual merit. It has the same free-flowering qualities as its parent, being in bloom continuously during the season. The growth is even more robust and vigorous, carrying the large and well-formed flowers on heavy, erect stems.

Rose Marie. The ideal long buds open into large flowers of splendid form and substance, in color clear rose-pink with delicate lighter edge, and delightfully fragrant. A vigorous, healthy grower remarkable for its freedom of bloom.

Souvenir de Claudius Pernet. Very large, full flowers with elongated deep petals—a beautifully formed bloom. Color most striking sunflower-yellow, deeper in the center, without any color blending, and which is retained without fading even in the warmest weather.

Talisman. The most astounding novelty in Roses produced in many a year. Its brilliant orange-red buds open to a large, fragrant high-pointed bloom of glowing golden yellow, stained with copper-red and orange-rose on the inside of the petal. It is the most magnificently colored flower we have ever seen and arouses astonishment and admiration everywhere. The plants have proved vigorous and healthy outdoors and have withstood severe winters unprotected. It is especially good in spring and late autumn.

Ville de Paris. A very distinct, rich buttercup-yellow without a trace of any other color, retaining its richness under all weather conditions. In formation it is somewhat similar to Radiance, fairly double, and splendid for cutting. A tall, upright grower and a profuse bloomer. $1 each.

Wilhelm Kordes. Unique and entirely distinct in coloring—a rich capucine-red, with coppery suffusion, overlaying a golden salmon ground, varying in intensity under different weather conditions, but always beautiful and particularly high-colored early in the season and in the autumn. The buds are long and pointed, opening to double, high-centered, very fragrant flowers. The foliage is strong, leather-like, and resistant to mildew.

Rosa Hugonis

The light yellow flowers, 1½ to 2½ inches across, borne profusely along the slender branches, make a striking display very early in the season. It is of shrub-like habit of growth and naturally forms symmetrical bushes about 6 feet high, and the same in diameter, and while not suited to plant in the Rose border, it is an invaluable subject when planted in connection with other shrubs or as single specimens in the garden. $1 each; $10 per doz.

Hardy Climbing and Rambler Roses

Suitable for training over arbors, porches, fences, or other objects. All bloom profusely and are hardy under most conditions. Single varieties in your Rose-garden will add much to its attractiveness.

All Hardy Climbing and Rambler Roses, 75 cts. each; $8 per doz., except where noted

American Pillar. A single-flowered variety, bearing pink flowers in heavy trusses. It retains its foliage until late in the fall and is very ornamental.

Blaze. Plant Patent No. 10. In effect, this marvelous new Rose is an Everblooming Paul's Scarlet Climber with clusters of the same vivid red flowers steadily produced throughout the entire season. Truly a wonderful innovation in Climbing Roses. $1.25 each.

Bonfire. One of the freest flowering of the Dorothy Perkins type Roses, but with great trusses of cherry-crimson flowers. An early bloomer.

Climbing American Beauty. A fine, free-blooming climber of excellent habit, strong and vigorous in growth, making heavy 10 to 15-foot canes in a single season. Very fragrant, rosy crimson flowers, produced freely in June and occasionally throughout the season.

Dorothy Perkins. A splendid variety with bright, glossy foliage that always looks healthy, and produces beautiful clusters of pink flowers. It is to be highly recommended for general planting, owing to its hardiness under all conditions. A very strong-growing variety and one of the most popular for arches.

Dr. W. Van Fleet. Flesh-pink on the outer surface, deepening to rosy flesh in the center. The flowers are full, very double, and carried on good stems, resembling Souvenir du President Carnot (one of the parents) in color. The flower, when open, will measure 4 inches or more in diameter, and is highly built in the center. Strong and handsome in growth. A superb variety that makes a splendid showing when trained over arches, pergolas, summer-houses and the like.

Easlea's Golden Rambler. Plant Patent No. 114. This new Rose, which is indeed most outstanding, comes to us from England where it has proved a superb variety. It has comparatively large, well-formed, double flowers of a rich golden yellow color. The blooms are arranged in large clusters and their desirability is greatly enhanced by their pleasing fragrance. $1.50 each.

Emily Gray. One of the best yellow Climbing Roses ever introduced. The color is clear golden yellow, and all the flowers are double. It has long buds and attractive, dark green foliage. Very free flowering; splendid growing habits.

Golden Climber (Mrs. Arthur Curtiss James). Plant Patent No. 28. Here is a new golden yellow Climbing Rose which is hardy enough to endure our winter climate unprotected without being damaged by frost or wet. It is a vigorous plant, growing 12 to 18 feet in a season, plentifully furnished with deep green, rich glossy foliage which is seldom affected by plant-diseases or injurious insects. $1.50 each.

Jacotte. Flowers shrimp-pink or light salmon-orange in color, shaded golden yellow at base, fully 2½ inches in diameter, delightfully scented. The rich, dark green, glossy, disease-resisting foliage is entirely distinct from all others and a color which will make it a favorite.

Mary Wallace. Well-formed, semi-double flowers of a bright, clear rose-pink, with salmon base to the petals. The blooms are large, generally exceeding 4 inches in diameter. Very free flowering.

New Dawn. Plant Patent No. 1. This new Rose is a sport from Dr. W. Van Fleet which is universally acknowledged as the best and most popular American Climbing Rose. This new variety is identical in every way with its parent in size and formation of its long-pointed flesh-pink buds and double flowers, but blooms continuously throughout the summer and fall months. $1.50 each.

Paul's Scarlet Climber. One of the most promising Climbing Roses yet sent out. The vivid scarlet, semi-double flowers are of medium size, produced in large clusters and in great profusion. The color does not burn or fade. This Rose has been exhibited extensively in Europe and received numerous awards. Paul's Scarlet Climber in color is far beyond anything ever offered, being of such a dazzling shade as to make it distinctive among red Roses.

Primrose. In this we have what has long been sought after—a real hardy yellow rambler. It is a strong, vigorous grower, and hardy under the same conditions under which Dr. W. Van Fleet and similar varieties will succeed. In color it is light primrose-yellow, which is maintained until the petals drop.

Silver Moon. This Rose is of the same strong growth as Dr. W. Van Fleet. Foliage beautiful bronze-green, mildew-proof. Flowers are large, silvery white, with prominent yellow stamens, very fragrant and attractive, produced on strong stems.

Wichuraiana. Pure white flowers in large clusters, freely produced rather late in the season. Plant is trailing and forms a dense mat of shining, almost evergreen foliage.

WATERER'S HARDY PERENNIAL PLANTS

The Hardy Perennials supply us with some of the most beautiful and interesting plants available for outdoor culture. By judicious selection from their almost endless variety, a continuous succession of bloom may be obtained from spring until frost, with wonderful range of color. Plants will be found suitable for massing, for bedding, and for borders, also for cutting and rock-garden work. From the Columbines of early April to the climax of Asters and Chrysanthemums, this story of fragrance and beauty repeats itself year after year, lavishly repaying the owner for the little care and attention which the plants require.

Achillea · Milfoil; Yarrow

These plants are suitable for dry, sunny places. The dwarf kinds are useful for carpeting or for rockeries; the taller ones as border plants.

Filipendulina. 3 ft. A strong-growing species with large, flat heads of yellow flowers. June, July.

Ptarmica, Boule de Neige. 2 ft. New. An improvement on The Pearl, with fuller and more perfect flowers. Best for borders.

Rupestris. 6 in. Compact, low-growing alpine plant, forming cushions of attractive green foliage and bearing masses of snow-white flowers in dense umbels. May, June. 50 cts. each; $5 per doz.

Tomentosa. 6 in. A dwarf rock-plant, forming neat cushions of foliage which are hidden during May and June by heads of bright yellow flowers.

Umbellata. 6 in. This rare, dainty rock-plant bears heads of snow-white flowers over tufts of silvery foliage. June. 30 cts. each; $3 per doz.

All Achilleas, except where noted, 25 cts. each; $2.50 per doz.; $15 per 100

Aconitum · Monkshood

Summer and late autumn-flowering plants, with bold spikes of hood-shaped flowers, thriving in either sun or shade.

Fischeri. 1½ ft. A dwarf variety with pale blue flowers. September.

Napellus, Sparks' Variety. 3 ft. Tall variety, with branching spikes of blue flowers. The darkest Aconitum, and has a long flowering period. July.

All Aconitums, 35 cts. each; $3.50 per doz.; $25 per 100

Æthionema · Lebanon Candytuft

Iberideum. A very free-flowering trailer for the rock-garden. It has gray, glaucous leaves and the white flowers are produced in terminal clusters. April, May. 30 cts. each; $3 per doz.

Anchusa

Italica, Dropmore. 4 ft. Tall spikes of gentian-blue flowers, resembling giant forget-me-nots. June, July. 25 cts. each; $2.50 per doz.; $15 per 100.

Myosotidiflora. 1 ft. A distinct, dwarf perennial variety from Russia, with clusters of charming blue flowers resembling forget-me-nots. An effective rock-plant for shady places. May. 30 cts. each; $3 per doz.

Androsace

Lanuginosa. A Himalayan plant rare in America. It is of a trailing habit and its prostrate stems are covered with silky leaves. The flowers are rose-pink and are borne in clusters at the termination of the stems. May to September. 30 cts. each; $3 per doz.

Ajuga · Bugleweed

Genevensis. 6 in. A useful plant for the rockery and for carpeting the ground, particularly in shady positions, as under trees where grass will not grow. Short spikes of intense blue flowers. June. 25 cts. each; $2.50 per doz.

Alyssum

Argenteum (Rock Plant). 1 ft. Large, flat heads of golden yellow flowers borne on wiry stems. May, June.

Saxatile compactum (Rock Plant). 1 ft. One of the most popular of spring-flowering plants. Masses of yellow flowers in April and May.

Saxatile citrinum. 9 in. A sulphur-colored variety of the above. April, May.

All Alyssums, 25 cts. each; $2.50 per doz.; $15 per 100

Anthemis

Tinctoria Kelwayi. 2 ft. Bright yellow Marguerite-like flowers in great profusion. June to September. 25 cts. each; $2 per doz.; $12.50 per 100.

Anemone

Pulsatilla. Large, cup-shaped bluish flowers, covered on the outside with silky hairs, are borne singly on stems 1 foot high in April and May. Fine for rockwork.

Japonica. Japanese Windflower. Valuable plants suitable for massing or single specimens. They grow rapidly and are profuse in bloom, gaining strength and beauty each year.

Japonica alba. 2½ ft. Purest single white, with yellow center.

Japonica, Queen Charlotte. A strong grower producing large, semi-double, pink flowers.

Japonica rubra. Beautiful rosy red; stamens bright yellow.

Japonica, Whirlwind. Excellent double white flowers.

All Anemones, 30 cts. each; $3 per doz.; $18 per 100

Anemone japonica

Aquilegia · Columbine

As a cut-flower, the Long-spurred Aquilegias are the daintiest of our outdoor-grown flowers. They come in blues, whites, yellows, and shades of pink and rose. The vigorous, long-lived plants remain in bloom a long time, and are indispensable for the old-fashioned garden and well adapted for the rockery.

Cærulea. 2 ft. Blue and white flowers with long, slender spurs.

Chrysantha. 3 ft. Tall, beautiful species bearing soft yellow flowers.

Mrs. Scott Elliott's Strain. 2 to 3 ft. This is, probably, the best strain of Long-spurred Hybrids. The flowers are of rich and varied colors. May, June.

Rose Queen. 2 to 3 ft. Soft rose-colored flowers with white centers. May, June.

All Aquilegias, 25 cts. each; $2.50 per doz.; $18 per 100

Arabis · Rock Cress

Alpina. 9 in. A useful, early-flowering plant with pure white flowers, suitable for rock-garden, border, or for spring bedding. April, May. 25 cts. each; $2.50 per doz.; $15 per 100.

Alpina fl.-pl. A double-flowered form of the above and a much superior plant. 35 cts. each; $3.50 per doz.; $20 per 100.

Arenaria

Montana. One of the best rock-plants for trailing over ledges. Cascades of glistening white flowers in May. 35 cts. each; $3.50 per doz.

Armeria · Thrift; Sea Pink

Attractive dwarf plants that will succeed in any soil, forming evergreen tufts of bright green foliage from which innumerable flowers appear in dense heads, on stiff wiry stems. Very useful in the rockery or border.

Laucheana. 6 in. Produces a mass of rosy crimson flowers all summer. Fine for edging and planting in masses. June to August.

Maritima alba. A pretty pure white.

All Armerias, 25 cts. each; $2.50 per doz.; $15 per 100

Artemisia

Vulgaris lactiflora. 5 to 6 ft. Fragrant, spirea-like plumes of creamy white flowers are borne on stout, erect stems from August to October.

Silver King. A showy, white-leaved variety growing 3 feet high. It can be cut and dried to mix with winter bouquets.

All Artemisias, 25 cts. each; $2.50 per doz.; $15 per 100

Asclepias · Butterfly Weed

Tuberosa. 2½ ft. Bright orange-red flowers, borne in clusters on strong stems. July to September. 25 cts. each; $2.50 per doz.; $15 per 100.

Artemisia

Asters, Hardy

Michaelmas Daisy; Starwort

As a plant of general usefulness, the Aster stands unrivaled. The great variety in color, size of flower, time of flowering and height, combined with the simple cultural requirements necessary make it one of the most desirable of hardy plants. Many of the varieties are excellent for cutting. The finest flowers and strongest spikes are obtained if the plants are divided annually.

Barr's Pink. 4 ft. A new variety of strong, erect growth, bearing large, bright pink flowers. When this variety was shown at the Royal Horticultural Society's Hall, London, it was described by the *Horticultural Advertiser* as the best pink Aster in cultivation. September, October. 35 cts. each; $3.50 per doz.

Cærulea. 4 to 5 ft. Large, pale blue flowers in pyramidal heads. September, October.

Feltham Blue. 4 ft. The large, clear blue flowers are borne on long, slender stems. September.

Mrs. Raynor. 4 ft. The deepest red of all Asters.

Mauve Cushion. 9 in. Distinct from all other Asters, this variety forms a round, compact cushion that is entirely covered with delicate mauve flowers during October and November. 25 cts. each; $2.50 per doz.

Perry's White. 4 ft. A very free-flowering variety of graceful habit. The flowers are large and of good substance. Excellent for cutting. September, October.

Sam Banham. 3 ft. The best white Aster. Good for cutting. September, October.

St. Egwin. 2½ ft. This variety forms a compact bush, which, during September, is entirely covered with large, clear pink flowers. One of the best Asters in cultivation.

The Queen. 4 ft. The very large flowers are borne in loose sprays on long, straight stems. They open pale mauve and turn nearly white with age. September.

Tataricus. 6 ft. A distinct species from Siberia. Its large violet flowers are carried on tall, leafy stems. November.

White Climax. 5 ft. A pure white form of Climax.

Any of the above Asters, except where noted, 30 cts. each; $2.50 per doz.

Aster, Dwarf Alpine

Alpinus. 9 in. Large, bluish purple flowers. Fine rock-plant. June.

Alpinus albus. A white variety of above.

Subcæruleus. 1 ft. Large violet-purple flowers, freely borne on slender, erect stems. June, July.

Any of the above Asters, 25 cts. each; $2.50 per doz.; $15 per 100

Aubrietia

Rainbow Rock Cress

Pretty, dwarf-growing plants suitable for the rockery or for the edge of the border. They form masses of silvery green foliage and sheets of vari-colored flowers in spring and early summer.

Choice mixed varieties, 30 cts. each; $3 per doz.; $18 per 100.

Baptisia · False Indigo

Australis. 2 ft. Dark blue, pea-shaped flowers in June. Suitable for the hardy border or wild garden. Very attractive foliage. 25 cts. each; $2.50 per doz.

Bocconia

Cordata. 6 to 8 ft. A tall-growing, stately plant with handsome, gray, glaucous foliage bearing panicles of creamy white flowers. July, August. 25 cts. each; $2.50 per doz.

Campanula Medium

Cerastium

Tomentosum. Forms a carpet of silvery foliage which is covered in May with pure white flowers. 25 cts. each; $2.50 per doz.; $15 per 100.

Chelone

Lyoni. 2 ft. A very free-flowering plant bearing large, deep pink, pentstemon-like flowers on sturdy, erect stems. July–September. 25 cts. each; $2.50 per doz.

Coreopsis

Grandiflora. 2½ ft. One of the best hardy plants for cutting. The bright yellow flowers are borne on long, graceful stems throughout the summer. 25 cts. each; $2.50 per doz.; $15 per 100.

Convallaria · Lily-of-the-Valley

Majalis. The old-time favorite, which loves the shade, and grows successfully under the trees. Extra-strong clumps, 50 cts. each; $5 per doz.; $35 per 100.

Boltonia · False Chamomile

A showy native hardy perennial plant with large, single, aster-like flowers during the summer and autumn months. With its thousands of flowers open at one time it produces a very showy effect.

Asteroides. 5 to 7 ft. Pure white; very effective.
Latisquama. 4 to 6 ft. Pink, slightly tinged with lavender.

All Boltonias, 25 cts. each; $2.50 per doz.; $15 per 100

Calamintha

Alpina (*Satureia alpina*). 6 in. A prostrate rock-plant producing a mass of violet-blue flowers borne in clusters. July, August. 25 cts. each; $2.50 per doz.

Campanula · Bellflower; Harebell

One of the most beautiful and important families of hardy plants. Having a very wide geographical distribution, its members are varied in character and are adapted for rock-garden, border, and woodland.

Carpatica. 1 ft. Suitable for rock-garden or border. Large, blue, cup-shaped flowers during July and August.
Garganica. 4 in. Forms a dense, compact tuft and bears a profusion of starry, violet-blue flowers. June. 35 cts. each; $3.50 per doz.
Medium (Canterbury Bells). Blue, Pink, White, separate colors.
Medium calycanthema (Cup-and-Saucer). Mixed colors.
Persicifolia. 2½ ft. Slender, erect stems studded with blue, cup-shaped flowers in June and July.
Persicifolia alba. A white variety of the above.
Pyramidalis (Chimney Bellflower). 6 ft. Tall, pyramidal spikes of blue flowers. July.
Pyramidalis alba. A white variety of the above.
Rotundifolia (Blue Bells of Scotland). 9 in. Slender spikes of blue, bell-shaped flowers growing from compact tufts of bright green foliage. June, July.

All Campanulas, 25 cts. each; $2.50 per doz.; $18 per 100, except where noted

Carnation, Border

We can supply these popular favorites in the following separate colors: Red, Rose, Salmon, Violet, Yellow, White. 25 cts. each; $2.50 per doz.; $15 per 100.

Caryopteris · Blue Spirea

Mastacanthus (*C. incana*). 2½ ft. A compact, free-flowering plant of sub-shrubby habit, with attractive gray foliage. It is covered during fall with trusses of lavender-purple flowers. 30 cts. each; $3 per doz.

Centaurea

Macrocephala. 4 to 5 ft. A stately plant of robust habit, bearing large, globular heads of golden yellow flowers. July, August.
Montana. 1½ ft. Woolly foliage and bright blue flowers. June, July.
Montana alba. A white variety of the preceding.

All Centaureas, 25 cts. each; $2.50 per doz.; $15 per 100

CHRYSANTHEMUMS

These showy and effective favorites are now universally popular. When planted outside they extend the flowering season of your perennial garden, blooming profusely in October after other flowers have been browned by early frosts, which do not affect the Chrysanthemums, producing a wealth of bloom especially fine for cutting. They should be planted early in a well-drained position, either in the hardy border or at the edge of a shrubbery border, and late in the autumn, after they have finished flowering and the tops have been cut off, they should have a covering of leaves or loose litter as a winter protection, but do not cover with manure.

Small-flowered

Adironda. Golden bronze.
Bright Eyes. Late. Pink, orange center when young.
Capt. R. H. Cook. Tall, upright. Deep rose.
Cheerfulness. The finest yellow Button.
Ethel. Deep maroon with bronze suffusion.
Irene. Good-sized white Button.
Mrs. H. Harrison. Blush-pink.
Nio. Small pink Button.
Rodell. Larger yellow Button.
Ruth. Wine-red.

Large Double Decorative

Comoleta. Large, incurved yellow.
Ganna. Bright lilac-pink.
Lillian Doty. Large, incurved pink.
Muldoon. Purplish amaranth.
Murillo. Large; old-rose.
Oconto. Large, effective white.
Petite Louise. Silvery pink.
Ruth Cumming. Rich terra-cotta-red.
White Doty. Incurved; white.
Yellow Doty. Incurved; yellow.

Extra-Early Double

Aladdin. Plant patent No 64. Very early. Bronze.
Aletta. Dwarf. Light pink.
Amelia (Pink Cushion). Wonderfully symmetrical early pink.
Barbara Cumming. Deep yellow. Very early.
Carrie. Canary-yellow.
Glomero. Very free. Compact. Yellow.
La Somme. Pale pink; good size.
Marie du Pont. Dwarf. Very large; pure white.
Tasiva. Upright. Early. White.

Hardy Chrysanthemum

Maximum (Shasta Daisy). 2 ft. A useful flower for cutting. The large, white, daisy-like blooms are produced over a long period. June–September. 25 cts. each; $2.50 per doz.

All Chrysanthemums, 25 cts. each; $2.50 per doz.; $15 per 100

Extra-Early Double Chrysanthemum, Aladdin

Dicentra spectabilis

Dianthus · Pinks

Suitable for dry rockeries, dry walls, or any other hot, dry, sunny spot. Almost all Pinks are of the easiest culture and will thrive in any well-drained soil and sunny position.

Allwoodi, Jean. 1 ft. An improved type of Hardy Pink. The flowers are larger than the old type and are borne on longer stems. White flowers with crimson centers; clove-scented. June to October.

Allwoodi, Joyce. Rose-pink with red centers.

Arenarius. A desirable rock-plant of compact, tufted habit. During May and June the foliage is entirely hidden by masses of deeply fringed, fragrant, white flowers borne on 6-inch stems.

Cæsius (Cheddar Pink). Blue-gray cushions of foliage and rosy pink, sweetly scented flowers carried on 9-inch stems. May, June.

Deltoides (Maiden Pink). A trailing rock-plant; fine for border edging. Flowers deep red with a crimson eye. June, July.

Deltoides albus. A white variety of the above.

Deltoides, Brilliant. Vivid crimson.

Plumarius. 1 ft. A first-rate mixture, with beautifully frilled flowers. June, July.

All Dianthus, 25 cts. each; $2.50 per doz.; $15 per 100

Dielytra · Dicentra

Spectabilis (Bleeding-Heart; Seal Flower). An old-fashioned favorite. Its long racemes of graceful, heart-shaped, pink flowers are always attractive. It is used largely for forcing, and is perfectly at home in any part of the hardy border; especially valuable for planting in the shade. Strong clumps, 50 cts. each; $5 per doz.

Formosa (Plumy Bleeding-Heart). A dwarfer-growing species, with finely cut ornamental foliage, growing about 15 inches high and producing its showy pink flowers from April till August. 25 cts. each; $2.50 per doz.; $15 per 100.

Digitalis · Foxglove

One of the showiest and most attractive of old-fashioned favorites whose popularity is continually increasing. For stately and picturesque beauty it is not to be surpassed, and, planted in masses in the garden, it is extremely effective and satisfactory. It is a biennial, but, as it renews itself from self-sown seed, it may be treated as a perennial.

Purpurea gloxiniæflora. Pink, Purple, White, separate. 25 cts. each; $2.50 per doz.

Dianthus deltoides

The Shirley. A new strain raised by the late Rev. W. Wilkes, the originator of the well-known Shirley Poppies. The flowers are of enormous size and vary in color from pure white to deepest rose. 25 cts. each; $2.50 per doz.

Dracocephalum

Ruyschiana. 1 to 1½ ft. One of the showiest spring-flowering plants, and one we recommend to those seeking something unusual. It forms a clump of many stems, each one being thickly covered during May with purplish blue, salvia-shaped flowers. 25 cts. each; $2.50 per doz.

Echinops · Globe Thistle

Vigorous, stately plants, ornamental both in flower and foliage. The large, handsome leaves are spiny at the tips and are covered with silvery down.

Ritro. 4 ft. Globular heads of glistening blue flowers. July, August.

Sphærocephalus. 6 ft. Heads of grayish white flowers. August.

All Echinops, 25 cts. each; $2.50 per doz.; $15 per 100

Erigeron

Speciosus. 2 ft. A fine hardy perennial producing purplish lilac, daisy-like flowers in July and August. 25 cts. each; $2.50 per doz.; $15 per 100.

English Hollyhock Delphiniums in Color Groups

A welcome innovation is the following offer of the Hollyhock Delphiniums released in four separate color groups. These plants are grown from the identical strains which comprise our well-known named Delphiniums. The plants are all heavy, field-grown, and are also shipped balled and burlapped.

Light Shades **Intermediate Shades** **Mixture of all Shades**
Mauve Shades **Dark Shades**

$1.50 each; $15 per doz.

Standard Varieties

Belladonna. 2½ to 3 ft. An invaluable variety for cutting; sky-blue flowers in great profusion from June until frost.

Bellamosa. 3 to 4 ft. A true hybrid of Belladonna and Formosum, surpassing both parents. Dark blue. It is not subject to mildew.

Formosum. 4 ft. A robust-growing Larkspur having dark blue flowers with white centers. June to September.

Mixture of the above three Standard Delphiniums, $2.50 per doz.

Grandiflorum chinense. 1½ to 2 ft. Gentian-blue flowers and finely divided foliage. June to October.

Grandiflorum album. A white variety of the above.

Mixed Hybrids. This mixture can be relied on to produce a large percentage of extremely good individuals, and is much superior to the ordinary mixed strain. It has been raised from seed saved from H. J. Jones' named varieties. 35 cts. each; $3.50 per doz.; $20 per 100.

Any of the above Standard Delphiniums, except where noted, 25 cts. each; $2.50 per doz.; $15 per 100

Delphinium, Larkspur

Eryngium • Sea Holly

Planum. 2½ ft. Small blue flower-heads and steely blue stems. Good for cutting and drying. July, August. 25 cts. each; $2.50 per doz.; $15 per 100.

Eupatorium

Cœlestinum. 1½ to 2 ft. Very free flowering and valuable for cutting. Masses of blue, ageratum-like flowers from August to October.

Fraseri. Feathery white flowers. July to September.

All Eupatoriums, 25 cts. each; $2.50 per doz.; $15 per 100

Euphorbia • Spurge

Corollata. 1½ to 2 ft. The value of this plant for cutting is not fully appreciated. It is well adapted for shipping, and its small, pure white flowers take the place of *Gypsophila paniculata* when that is past. Best results are obtained by allowing it to remain undisturbed for several years. August, September.

Epithymoides (*E. polychroma*). 1½ ft. A conspicuous object in early spring. It has a bushy, much-branched habit, each branch terminating in a whorl of bright petal-like bracts.

All Euphorbias, 25 cts. each; $2.50 per doz.

Funkia • Plantain Lily

Subcordata grandiflora. Large, pure white flowers and bold foliage make this a very attractive variety. July, August.

Undulata variegata. 9 in. One of the easiest plants to grow. The broad, massive leaves, variegated green and white, make them decorative in the border when their pale lavender flowers are past. Succeed in sun or shade.

All Funkias, 35 cts. each; $3.50 per doz.; $25 per 100

Gaillardia

Grandiflora (*G. aristata*). 2 ft. Ranges in color from old-gold to crimson. This plant is unrivaled for furnishing a continuous supply of cut-flowers. June to October. 25 cts. each; $2.50 per doz.; $15 per 100.

The Dazzler. A recent introduction, producing large, bright golden yellow flowers with red-maroon centers. Its strong, straight, erect stems make it a valuable variety for cutting. 25 cts. each; $2.50 per doz.

Eupatorium cœlestinum

Geranium • Crane's Bill

Sanguineum. 1½ ft. Flowers blood-red. Very attractive in the fall when the whole plant sometimes has a blood-red color. May to August. 30 cts. each; $3 per doz.

Geum

Chiloense, Lady Stratheden. 2 ft. A new variety similar in habit and growth to the well-known Mrs. Bradshaw. It bears large, old-gold, double flowers. May, June.

Chiloense, Mrs. Bradshaw. 2 ft. One of the most striking of hardy plants. Slender, branching stems are produced from tufts of evergreen foliage and bear large, rich scarlet, double flowers in great profusion. A good plant for cutting. May, June.

All Geums, 30 cts. each; $3 per doz.; $20 per 100

Globularia • Globe Daisy

Tricosanthes. 6 in. A low-growing rock-plant, bearing globular heads of pale blue flowers arising from tufts of shiny green foliage. May, June. 25 cts. each; $2.50 per doz.; $15 per 100.

CHOICE PEONIES

Peonies are delightful companions for irises; their dense foliage alone makes a charming background and their wonderful abundance of gorgeous and gay-colored flowers blend so beautifully with the colors in the irises that each enhances the beauty of the other.

Both are so hardy, so easy to grow, so sure to bloom, so ready to respond eagerly to any little care and attention, that a lover of one must necessarily have or develop a fondness for the other.

Albert Crousse. Bomb type. Large, well-formed flowers of soft shell-pink, with faint salmon tints. Vigorous grower with tall, erect stems. Very fine as a cut-flower. Late. 50 cts. each.

Baroness Schroeder. Rose type. White with shadings of flesh. This is one of the finest Peonies. Its immense flowers of great substance with high chalice-shaped center are freely produced, lasting a long time. Very fragrant. Late. 75 cts. each.

Couronne d'Or. Semi-rose type. Immense, full flowers, pure white with a ring of yellow stamens around a tuft of center petals tipped carmine, gaining the title of "Crown of Gold." 50 cts. each.

Edulis Superba. Crown type. Beautiful bright clear mauve-pink with silvery reflex. Decoration Day Peony. Very early. 50 cts. ea.

Eugenie Verdier. Very large, compact blooms of pale hydrangea-pink, with outer guard petals lilac-white. Fragrant. Extra-strong stems. Late. $1 each.

Felix Crousse. Rose type. Rich, dazzling ruby-red without a tinge of purple. None better. Late midseason. 50 cts. each.

Festiva Maxima. Rose type. The finest white in existence. Pure white with clear carmine spot on edge of center petal. Early. 50 cts. each.

Germaine Bigot. Crown type. Very large, compact flower, composed of broad petals. Color lilac-rose, center prominently flecked crimson. Strong, erect grower with medium tall stems. Very free blooming. Midseason. 75 cts. each.

La Tendresse. Rose type. Very full, large flowers borne in clusters. Color milk-white, sometimes splashed with carmine. Tall, strong grower; free bloomer; fragrant. Midseason. 50 cts. each.

Lord Kitchener. Rose type. Color a brilliant cherry-red—a most dazzling hue. Very early. 75 cts. each.

Marquis C. Lagergren. Semi-rose type. Large; bright velvety crimson. One of the finest reds ever produced. $1 each.

Mme. Emile Lemoine. Semi-rose type. Large, globular, compact flower. Glossy white, overlaid with a sheen of tender satiny pink covered with minute lilac dots. Very beautiful. 75 cts. each.

Mme. Jules Dessert. Rose type. Creamy white overlaid with a pronounced pink, center intermixed with golden stamens. Very large, with broad, delicate petals of translucent texture. A charming variety and should be in every collection. $1.50 each.

Mons. Jules Elie. The peerless pure pink. Broad, reflexing guards with a high pyramidal body of semi-quilled petals converging to an apex. One of the largest, handsomest, and most lasting cutting sorts in existence. 75 cts. each.

Reine Hortense (President Taft). Rose type. Enormous, compact flat flower of soft flesh color, deepening to shell-pink; center showing crimson splashes, sometimes faint stripes on the face of the petals. Well formed and very striking. Deliciously fragrant. A vigorous grower and profuse bloomer. Fine for cut-flowers and usually in bloom just about Decoration Day. Midseason. $1 each.

Sarah Bernhardt. Semi-rose type. Very large flower of perfect form, full and double, with twisted imbricated petals. Color apple-blossom-pink with each petal silver-tipped. Strong grower, free bloomer, and very fragrant. One of the finest and most dependable Peonies ever produced, attracting attention in every garden. Late midseason. $1 each.

Solange. Rose type. A very large, full, compact flower of indescribable beauty. Color rare, deep orange-salmon at the heart, overlaid with delicate tender reddish brown—a most unique color combination. The plant is a strong, robust grower and very abundant bloomer. Considered as one of the most unusual and charming Peonies ever produced. Midseason. $1.50 each.

Suzette. Semi-rose type. Bengal-rose, lightly shaded carmine-purple, with silvery reflex. Strong stems. Rare. Midseason. 75 cts. each.

Gypsophila · Baby's Breath

Paniculata. 2½ ft. Cloud-like masses of small white flowers. One of the most popular and useful plants for cutting. July.

Repens. A dwarf trailer, excellent for cascading down the slopes of the rock garden. Masses of small white flowers. June, July.

Bristol Fairy. New Double Gypsophila. With double flowers almost as large as the annual Baby's Breath and every bit as white, as lasting, and as easily handled as the usual double sort, it is more valuable than either. Not only for the flowers alone, but for the long season over which they are produced, Bristol Fairy is a triumphant achievement. Unlike the old double Baby's Breath, which bloomed once and was gone, and unlike the annual sort which had to be sown many times a season, it continues to bloom from early summer until hard frost. 50 cts. each; $5 per doz.

All Gypsophilas, except where otherwise noted, 25 cts. each; $2.50 per doz.; $18 per 100

Helenium

Strong-growing plants, valuable for producing late summer and fall effects in woodland or herbaceous border. Also useful as a cut-flower.

Autumnale, Riverton Beauty. 4 ft. Clear yellow flowers with black centers. August, September.

Autumnale, Riverton Gem. 4 ft. Rich mahogany-red flowers. August, September.

Autumnale superbum. 4 ft. Yellow. August, September.

Hoopesi. 2 ft. Large heads of deep yellow flowers. June, July.

All Heleniums, 30 cts. each; $3 per doz.; $20 per 100

Double Hardy Sunflower

Helianthemum

Rock or Sun Rose

Dwarf evergreen shrubs of spreading habit, which for freedom of flowering and brilliancy of coloring are equaled by few and excelled by no other family of plants. Delighting in full sun, they will thrive on a hot, sunny bank where few other plants will exist. Massed on the rock garden or front of herbaceous border, they are the most gorgeous sight in the garden during June. These plants deserve the close attention of all who are interested in rock gardening.

Chamæcistus macranthum. 6 in. Large; creamy white.

Mrs. Earle. 9 in. Double; scarlet flowers.

Præcox. 9 in. Large, soft yellow flowers. Silvery foliage.

Rhodanthum carneum. 9 in. Very large, clear pink flowers. Silvery foliage.

All Helianthemums, 35 cts. each; $3.50 per doz.; $20 per 100

Helianthus · Hardy Sunflower

The perennial Sunflowers should always be planted in masses, where they may have plenty of room. In combination with hardy asters, where broad color effects are wanted in late summer, they have few equals. They are profuse bloomers, producing an unlimited supply of flowers for decoration.

Decapetalus multiflorus fl.-pl. (Double Hardy Sunflower). 4 ft. Large, double, dahlia-like golden yellow flowers in great profusion during July and August.

Maximiliani. 6 ft. The latest of all. Golden yellow flowers in graceful sprays in October. Fine for cutting.

Mollis. 5 ft. Thick, velvety foliage, of a distinct, silvery tinge. Flowers lemon-yellow. August, September.

All Helianthus, 25 cts. each; $2.50 per doz.; $15 per 100

Heliopsis · Orange Sunflower

Helianthoides Pitcheriana. 3 ft. Golden yellow flowers all summer. Similar in general habit to Helianthus, but commences to flower earlier in the season (July and August), of dwarfer habit, rarely exceeding 3 feet in height. Very valuable for cutting. 25 cts. each; $2.50 per doz.; $15 per 100.

Hemerocallis flava

Hemerocallis · Yellow Day Lily

These have long been favorites in our garden, and are always included in any list of the most popular hardy plants. All of the varieties are desirable and beautiful. The tall, graceful, grass-like foliage is very handsome and sets off the charming lily-like flowers very effectively.

Dr. Regel. 1½ ft. Fragrant, orange-yellow, lily-like flowers. May.

Flava (Yellow Day Lily). 3 ft. Fragrant, clear yellow flowers. Blooms earliest of these charming Lilies, coming in May and June, and is useful as a cut-flower as well as in the herbaceous border.

Thunbergi. 3 ft. Blooms in late July, after the other varieties. Rich, clear lemon-yellow flowers.

All Hemerocallis, 25 cts. each; $2.50 per doz.; $15 per 100

Hepatica

Triloba (Liver-leaf). 6 in. A pretty spring-flowering plant with light blue flowers and heart-shaped leaves. Useful as a rock-plant, for a shady spot in the border, or for woodland planting where it is perfectly at home. 25 cts. each; $2.50 per doz.; $15 per 100.

Heuchera · Coral Bells

Dwarf, compact, bushy plants of easy culture bearing loose, graceful spikes of flowers in great profusion. It is fine for the border and rockery and excellent for cutting.

Sanguinea. 1 to 1½ ft. Flowers bright crimson. Very free-flowering. Excellent for rock-garden. June to September.

Rosamunde. Branching stems of coral-pink flowers.

All Heucheras, 35 cts. each; $3.50 per doz.; $20 per 100

Hibiscus

Mallow Marvels. A robust type, with deeply cut foliage, and large flowers in shades of crimson, pink, and white. 30 cts. each; $3 per doz.; $18 per 100.

Hibiscus (Mallow Marvel)

Hollyhocks

These stately, majestic, hardy plants, from 6 to 8 feet high, are a necessary part of every old-fashioned garden, and should also find a place interspersed with shrubbery, as clumps on the lawn, or in the mixed border, where their colossal spikes of bloom produce bold and showy effects, which cannot be secured with any other flowering plant.

DOUBLE VARIETIES

Apple-Blossom
Bright Rose
Cerise
Crimson
Newport Pink
Salmon-Rose
White
Yellow
Mixed

SINGLE VARIETIES

The old-fashioned Hollyhocks, much improved in size, and purity of color. **All colors mixed.**

All Hollyhocks, 30 cts. each; $3 per doz.; $18 per 100

Double Hollyhocks

Hyacinthus

Candicans. One of the best of all hardy bulbs for the herbaceous border. It bears twenty to thirty white, pendent, bell-shaped flowers on stalks 3 to 4 feet high. Blooms early and till late fall. 15 cts. each; $1.50 per doz.

Hypericum

Olympicum. 6 in. A rare rock plant with gray foliage and very large, yellow flowers. June, July. 50 cts. each; $5 per doz.

Iberis · Hardy Candytuft

Sempervirens. 9 in. An invaluable spring-flowering plant of dwarf and compact habit, bearing masses of snow-white flowers in large trusses. April, May. 25 cts. each; $2.50 per doz.; $12.50 per 100.

Incarvillea

Delavayi. 1½ ft. Large, rich rose, begonia-like flowers with deep yellow throats, produced all through the summer. A hardy perennial which succeeds well in borders and is equally valuable for greenhouse decoration. 50 cts. each; $5 per doz.

Inula

Ensifolia. 1 ft. Forms a compact, symmetrical clump and in July is covered with bright yellow flowers. 30 cts. each; $3 per doz.

Glandulosa. 2 ft. A little-known plant of rare beauty. The flowers are golden yellow and fully five inches across, with long, thread-like ray petals. June, July. 35 cts. each; $3.50 per doz.

Six Choice German Irises (*Iris germanica*)

Their beauty outrivals that of the orchid in their delicacy of structure and wide range of colors. No garden is complete without them, and a very delightful garden can be made with nothing but them, as they are especially adapted for flower-borders, shrubberies, woodland walks, and for surrounding lakes and ponds, if planted well above the water-level.

Ambassadeur Iris

ABBREVIATIONS: S., standards or upper petals; F., falls or lower petals

Ambassadeur. S. a fascinating smoky velvety purple color; F. velvety purple-maroon; beards and style yellow. 50 cts. each; $5 per doz.

Ballerine. A superb variety growing 4 feet high, the broad foliage being surmounted by masses of glorious flowers of wonderful tone of porcelain-blue, with broad, rounded wavy margins; falls slightly deeper in color; deliciously scented. 50 cts. each; $5 per doz.

Jeanne d'Arc. S. very large and ruffled, somewhat spreading, white, delicately penciled lilac; F. white, edged lilac at base. 50 cts. each; $5 per doz.

King of Iris. A striking variety, with flowers of perfect form. S. clear lemon color; F. deep satiny brown, with a broad border of golden yellow. 50c. each; $5 per doz.

Loreley. S. light yellow, with occasional blue markings; F. ultramarine-blue, bordered cream. 25 cts. each; $2.50 per doz.

Queen Caterina. Very strong, tall grower, with large flowers of smooth, firm texture. The color, an exquisite shade of pure lavender-blue, is uniform in both standards and falls. 35 cts. each; $3.50 per doz.

Collection: 1 each of above 6 Irises, $2.35

Fine German Irises (*Iris germanica*)

Aurea. S. and F. chrome-yellow. 35 cts. each; $3.50 per doz.

Florentina. S. and F. white, faintly flushed with lavender. 25c. each; $2.50 per doz.

Her Majesty. S. rose-pink; F. bright crimson. 35 cts. each; $3.50 per doz.

Lohengrin. S. and F. cattleya-pink; very large flowers. 35 cts. each; $3.50 per doz.

Kochi. S. and F. rich purple. 35 cts. each; $3.50 per doz.

Mme. Chereau. S. and F. white, fringed with azure-blue. 25c. each; $2.50 per doz.

Pallida Dalmatica. S. pale lavender; F. deep lavender. Large flowers on 3-foot stems. 35 cts. each; $3.50 per doz.

Princess Victoria Louise. S. primrose-yellow; F. reddish purple with a narrow primrose margin. 35 cts. each; $3.50 per doz.

Rhein Nixe. S. white; F. rich violet-blue. 35 cts. each; $3.50 per doz.

Mixed German Irises, 25 cts. each, $2.50 per doz.

Lobelia cardinalis

Lobelia

Cardinalis (Cardinal Flower). 2½ ft. Rich, fiery cardinal flowers. Few plants are more effective at their season of bloom, which extends from early in August till late in September. 25 cts. each; $2.50 per doz.; $15 per 100.

Lupinus · Lupines

The Lupines produce beautiful spikes of pea-shaped flowers a foot long on stems 3 feet high. Very valuable in the hardy border, giving an abundance of delicately scented flowers in June and July.

Polyphyllus. 3 to 4 ft. Strong spikes of deep blue, pea-shaped flowers. June, July.
Polyphyllus albus. A white variety of the above.
Polyphyllus roseus. Pink form of the above.

All Lupines, 35 cts. each; $3.50 per doz.; $20 per 100

Japanese Irises

The most showy and gorgeous of the Iris family. The stately flowers are often 10 inches in diameter, and are produced freely in July. They require rich, moist soil.
Mixed Varieties. 25 cts. each; $2.50 per doz.; $18 per 100.

Various Irises

Cristata. 4 in. A dwarf, fairy-like plant with soft blue, orange-striped flowers. Easily grown in a rather moist, partially shaded position. May.
Pumila cyanea. 9 in. Violet-purple. May.
Pumila, The Bride. 9 in. Pure white. May.
Sibirica (Siberian Iris). 2 to 3 ft. A variety distinguished by its tall, grass-like foliage and numerous violet-colored flowers that are borne on slender stems. May and June.
Sibirica, Snow Queen. A variety of great merit. Flowers snow-white.

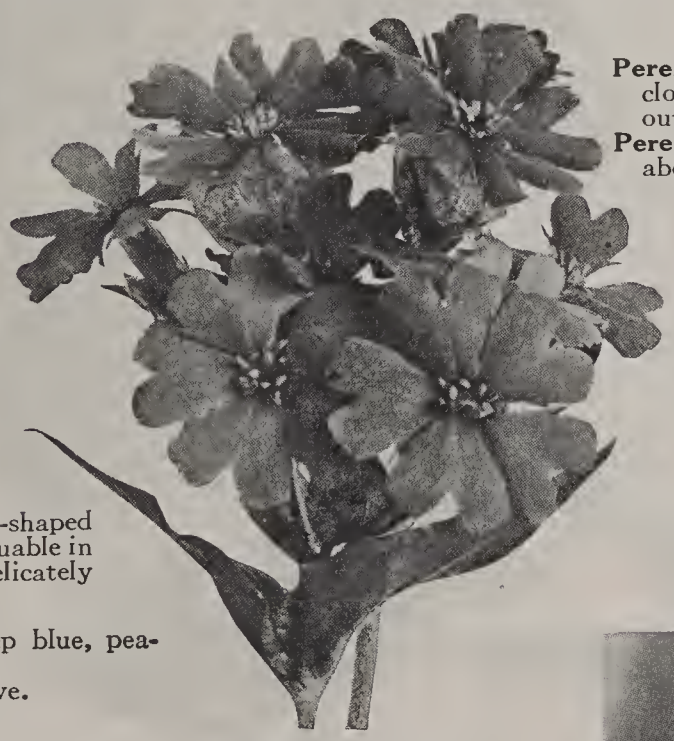
Any of the above various Irises, 25 cts. each; $2.50 per doz.; $15 per 100

Lavandula · Sweet Lavender

Vera. 1½ to 2 ft. A popular, old-fashioned plant with fragrant blue flowers and foliage. June, July. 25 cts. each; $2.50 per doz.
Vera, Munstead Variety. 9 in. A dwarf, compact form of the above. Good for edging or the rock garden. May, June. 50 cts. each; $5 per doz.

Leontopodium · Edelweiss

Alpinum. 6 in. A well-known alpine with pretty white leaves and small yellow flowers which are surrounded by star-like heads of leaves, clothed with a dense white, woolly substance. A splendid plant for the rock-garden. June to August. 30 cts. each; $3 per doz.



Lychnis chalcedonica

Linum · Flax

Perenne. 2 ft. A continuous succession of clouds of sapphire-blue flowers throughout summer.
Perenne album. A white variety of the above.

All Linums, 25 cts. each; $2 per doz.; $12.50 per 100

Liatris

Pycnostachya. 4 to 5 ft. Long, slender stems; rosy purple flowers. July, August. 25 cts. each; $2.50 per doz.; $15 per 100.

SACCO—the Perfect Plant Food for Lawn and Garden

Lythrum

Lychnis

Alpina. 6 in. Compact cushions of rich green leaves, studded in April and May with heads of pink flowers.
Chalcedonica (Jerusalem Cross). 2 to 3 ft. Stout, leafy stems, bearing large, flat heads of bright scarlet flowers. July, August.
Chalcedonica alba. A white variety of the above.

All Lychnis, except where noted, 25 cts. each; $2.50 per doz.; $18 per 100

Lysimachia

Nummularia. A prostrate trailer, spangled during spring and early summer with large, clear yellow flowers. Valuable for planting under trees or shrubs where grass will not grow. 25 cts. each; $2.50 per doz.; $15 per 100.

Lythrum

Virgatum, Rose Queen. 3 to 4 ft. A shapely bush formed of many slender stems which are thickly covered three-quarters of their length with rosy pink flowers. July to September. 25 cts. each; $2.50 per doz.; $15 per 100.

Mazus

Rugosus. A prostrate grower, forming a dense, green carpet, studded in spring with large violet flowers spotted with gold. 25 cts. each; $2.50 per doz.; $15 per 100.

We specialize in Hedge Plants. See page 101. It will pay you to get a copy of "1001 Garden Questions Answered." See page 120.

Mertensia · Bluebells

Virginica. Blooms very early in the spring. Flowers bright blue, fading to pink, borne on graceful, drooping stems about 1½ feet high. A very desirable addition to every spring garden. 30 cts. each; $3 per doz.

Mertensia

Monarda

Didyma (Bergamot). Bright red heads of flowers on 3-foot stems. The whole plant is fragrant. June to August. 25 cts. each; $2.50 per doz.; $15 per 100.

Myosotis · Forget-me-not

Everyone is familiar with the Forget-me-not that makes such beautiful pictures in the garden in early spring. They are alike charming in the border, rock-garden, or by the waterside.

Palustris semperflorens. Very dwarf; bloom from spring until autumn. 25 cts. each; $2.50 per doz.; $15 per 100.

Nepeta

Mussini (Catmint). Many-stemmed, somewhat trailing plant and has silvery leaves. During June it bears spikes of lavender-blue flowers in great profusion. Most effective if grown in large masses. 25 cts. each; $2.50 per doz.; $15 per 100.

Œnothera

Evening Primrose

Missouriensis. A fine trailing plant with very large, pale yellow flowers, 5 to 6 inches in diameter. One of the best perennials for rock-garden or border. June to August.

Speciosa. 2 ft. Erect plant with snow-white flowers in great profusion throughout summer.

All Œnotheras, 30 cts. each; $3 per doz.; $18 per 100

Œnothera missouriensis

Pentstemon Digitalis

Pardanthus

Chinensis (Blackberry Lily). 3 ft. Bright orange, lily-like flowers with brownish purple spots, followed by conspicuous black seeds resembling blackberries. July, August. 25 cts. each; $2.50 per doz.; $15 per 100.

Pentstemon

Barbatus Torreyi. 4 ft. Graceful, tapering stems, covered with large, tubular, scarlet flowers. June to August.

Digitalis. 2 to 3 ft. White, tubular flowers with purple throat. Good for cutting. June, July.

All Pentstemons, 25 cts. each; $2.50 per doz.; $18 per 100

PEONIES. See page 90.

Physalis

Francheti (Chinese Lantern Plant). Valuable for its bright, orange-scarlet, lantern-like fruits in fall. When cut and dried, they make an effective winter decoration in the home. Plants attain a height of 1½ feet, with small white flowers in May and good foliage all summer. 25 cts. each; $2.50 per doz.; $18 per 100.

Our 2-year-old Roses will give an abundance of bloom this season

Pachysandra

Terminalis. 6 to 9 in. One of the most valuable evergreen shrubs for dense shade. Has low habit, sometimes even trailing. Fine, glossy, light green leaves in abundance. Greenish white flowers in May or June, arranged in spikes. 25 cts. each; $2.50 per doz.; $15 per 100.

Papaver

Nudicaule (Iceland Poppy). Dwarf, free-flowering plants, bearing solitary blossoms on stems about 1 foot in height. Good for cutting. May to August. 30 cts. each; $2.50 per doz.; $18 per 100.

Orientale (Oriental Poppy). Immense, cup-shaped blooms of brightest crimson-scarlet, with large, purplish black blotches at base of petals, creating a wonderful contrast when bloom is fully open. 30 cts. each; $3 per doz.; $18 per 100.

Orientale, Menelik. Large, rich coppery crimson flowers. 30 cts. each; $3 per doz.; $18 per 100.

Orientale olympicum. 2½ ft. The only double form of the Oriental Poppy. Rich scarlet flowers. 30 cts. each; $3 per doz.

SACCO
The perfect plant-food for Lawn and Garden

Physalis Francheti

KOREAN HYBRID CHRYSANTHEMUMS

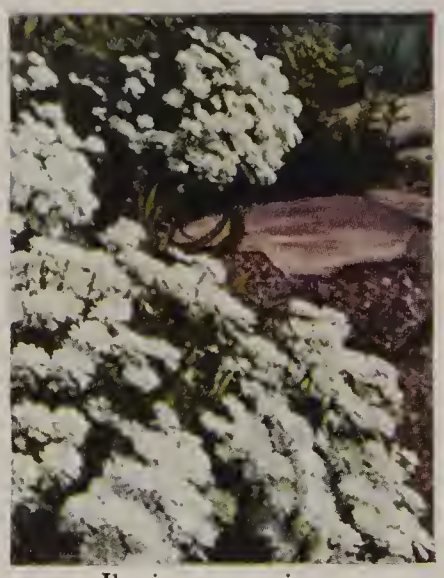
THESE new creations are better than the older types because they are hardier, more attractive in color, well branched, easier to grow, and more profuse in blooming. The lovely new pastel shades, which simply defy accurate description or true color reproduction, suggest the gerbera in their daintiness. Cut with short stems, they make the most charming table or miniature decorations, yet are capable of striking decorative uses if the entire branching sprays are used. They will prove valuable for artistic cut-flower uses and are altogether compelling for color-effect in the garden.

Actual size of flowers about twice that of the above illustrations

1. APOLLO. Bronze, red, and gold.
2. DIANA. Lilac-rose and salmon.
3. CERES. Chamois-yellow and coppery gold.
4. MARS. Deep amaranth-red.
5. MERCURY. Pat. 58. Blood-red, tinged bronze.
6. DAPHNE. Lovely daphne-pink.

35 cts. each; $3.50 per doz. Set of one each of the above 6 varieties, $1.95

Dianthus cæsius
25 cts. each; $2.50 per doz.



Iberis sempervirens
25 cts. each; $2.50 per doz.

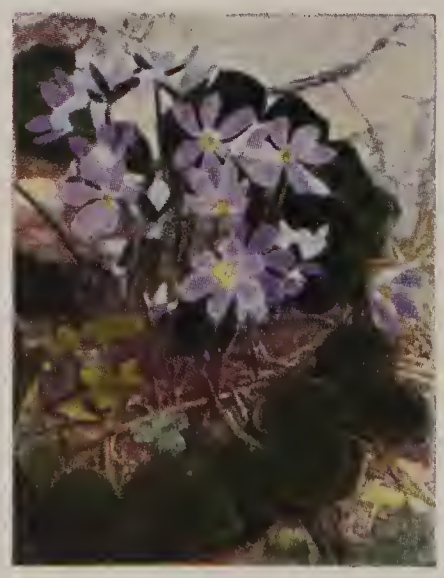
Campanula carpatica
25 cts. each; $2.50 per doz.

Thymus lanuginosus
25 cts. each; $2.50 per doz.

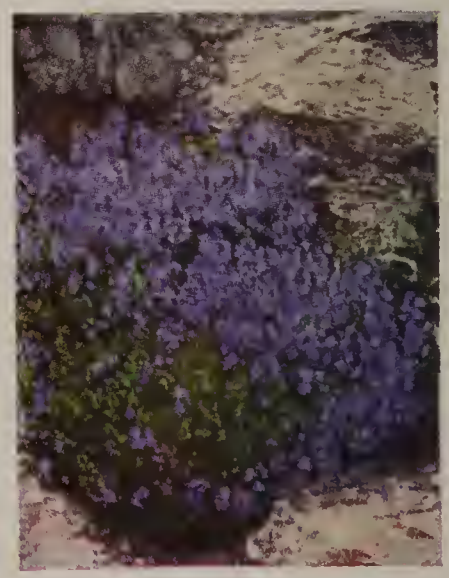
Alyssum saxatile
25 cts. each; $2.50 per doz.

Arenaria montana
35 cts. each; $3.50 per doz.

Aster, Mauve Cushion
25 cts. each; $2.50 per doz.



Hepatica triloba
25 cts. each; $2.50 per doz.



Veronica Teucrium rupestris
25 cts. each; $2.50 per doz.

9 GEMS FOR ROCK-GARDENERS

Every rock-garden needs a backbone of serviceable perennial plants which can be depended on to maintain verdure and colorful bloom through the entire season. Such plants should grow easily, endure drought and neglect, bloom at different periods, and possess a large measure of intrinsic beauty. No better choice could be made than the group of splendid plants pictured here. Each one of them is ideally adapted to rock-garden use, and as a group they will form the nucleus around which a fine collection of rock-plants can be built.

1 each of the above Rock-Garden Plants (9 in all)	$2 25
3 each of the above Rock-Garden Plants (27 in all)	6 00
6 each of the above Rock-Garden Plants (54 in all)	10 00
12 each of the above Rock-Garden Plants (108 in all)	18 00

Phlox

One of the most important families of hardy perennials and should be well represented in every collection. They deserve a prominent position in every garden of hardy flowers, since they thrive in most soils; however, a rich loam is most desirable. By growing a complete collection, they can be had in bloom from early June until late fall.

Albion. 2½ ft. White with faint red eye.
Antonin Mercier. 2 ft. Soft lilac-blue with white center.
Bacchante. 2½ ft. Fiery pink with crimson eye.
Baron van Dedem. 2 ft. Glowing crimson.
Enchantress. Salmon-pink.
Europa. 2½ ft. White with carmine eye.
La Vogue. 2½ ft. Pinkish mauve.
Mia Ruys. 2½ ft. Pure white; large trusses.
Mrs. van Hoboken. 2½ ft. Bright pink, suffused with mauve.
Rijnstroom. 2½ ft. Rose-pink, very large individual flowers.
R. P. Struthers. 2 ft. Rosy red with crimson eye.
Thor. 2½ ft. Very large trusses of dazzling pink flowers.
Suffruticosa, Miss Lingard. 2½ ft. A good variety for cutting. Pyramidal trusses of white flowers with faint lilac eyes. June to September.
W. C. Egan. Large, pink flowers.

All above Phloxes, 25 cts. each; $2.50 per doz.; $15 per 100

Phlox Planting

Physostegia

DWARF PHLOXES

Amœna. Compact tufts of glossy green foliage and masses of vivid pink flowers in April and May.
Divaricata. 9 in. Trusses of large, fragrant, lavender-blue flowers. May.
Subulata alba (Moss Pink). 6 in. Moss-like foliage covered in April and May with sheets of white flowers.
Subulata atropurpurea. A new variety with intense wine-red flowers. Very distinct, and invaluable for covering the ground or in the rock-garden. Glossy green foliage.
Subulata, G. F. Wilson. One of the best and most floriferous of spring-flowering plants. The mats of glossy foliage are completely hidden by sheets of starry lavender flowers in April and May.
Subulata lilacina. Light lilac.
Subulata rosea. Rose-pink. Fine for covering banks. Thrives in hot, dry situations, and blooms profusely.
Subulata, Vivid. The most attractive of the dwarf Phloxes. It is a neat, compact grower, and when in bloom, nothing can be seen but a sheet of warm salmon-rose flowers. 30 cts. each; $3 per doz.; $18 per 100.

All Phloxes, except where noted, 25 cts. each; $2.50 per doz.; $15 per 100

Primula Polyanthus

A choice mixed strain, varying from white to crimson. 9 in. May. 30 cts. each; $3 per doz.; $18 per 100.

Use Sacco, the perfect plant food

Primula Polyanthus

Physostegia

Virginiana. 3 ft. Long, slender spikes, closely covered with pinkish mauve, tubular flowers. July, August.
Virginiana alba. White form of above.

All Physostegias, 25 cts. each; $2.50 per doz.; $15 per 100

New Dwarf Physostegia

Grandiflora. A plant of recent introduction and a most valuable acquisition. It produces numerous stout, square stems 1 to 1½ feet high, each covered with large, brilliant pink flowers, somewhat resembling a snapdragon in shape. The value of this plant is enhanced by its being an addition to the very few dwarf late-flowering plants. August, September. 25 cts. each; $2.50 per doz.; $15 per 100.

Platycodon · Balloon Flower

Grandiflorum. 2 ft. Blue, bell-shaped flowers, borne on slender stems. June to October.
Grandiflorum album. A white variety of the above.

All Platycodons, 25 cts. each; $2.50 per doz.; $15 per 100

Pyrethrum

Hardy Pink

A highly popular group of old-fashioned garden plants, esteemed for their extreme floriferousness and delicious fragrance. They grow 12 to 15 inches high and bloom in May and June.

Excelsior. Delicate rose-pink.
Her Majesty. Pure white; large flowers.
Homer. Deep rose with darker center.
Juliette. White, laced crimson.
Lord Lyon. Deep rose.
White Reserve. Pure white.

All Pinks, 25 cts. each; $2.50 per doz; $15 per 100

Plumbago

Larpentæ (Leadwort). 1 ft. Forms compact tufts of innumerable wiry stems, each one terminating in a dense truss of cobalt-blue flowers. August to October. 30 cts. each; $3 per doz.; $18 per 100.

Polemonium

Reptans. 1 ft. Compact tufts of foliage and light blue flowers in great profusion in May and June. Does best in partially shaded locations. 25 cts. each; $2.50 per doz.; $15 per 100.

Richardsoni (*P. humile*). 1½ ft. Neat tufts of vivid green foliage and erect spikes of pale blue flowers. May. 30 cts. each; $3 per doz.; $18 per 100.

We sell Sacco, the perfect plant and lawn food. See page 117

Pyrethrum

The Pyrethrums are so simply and easily cultivated that they may be recommended to all who possess a garden. They are perfectly hardy and absolutely invaluable for cut-flowers through the summer and early fall.

Roseum. 2 ft. Daisy-like flowers varying in color from white to crimson. Useful for cutting. June. 25 cts. each; $2.50 per doz.; $15 per 100.

Ranunculus

Acris fl.-pl. This plant is too often confused with the following variety which is generally sold for it. Of late years it has become very scarce and we are pleased to be able to offer the true plant. The glistening yellow flowers are small, very double, and are borne on strong, erect stems, from 2½ to 3 feet in height, the whole inflorescence forming a loose pyramid. It is one of the real old-fashioned plants and is equally valuable for border decoration or for cutting. May, June. 25 cts. each; $2 per doz.

Repens fl.-pl. 1 to 1½ ft. Small, double, yellow flowers on branching stems. Valuable for cutting. April, May. 25 cts. each; $2.50 per doz.; $15 per 100.

Rudbeckia

Golden Glow. 6 ft. Double, deep yellow flowers. July to September.

Purpurea (Giant Purple Coneflower). 3 ft. Peculiar reddish purple flowers, with a very large, brown, cone-shaped center. Blooms from July to October.

All Rudbeckias, 25 cts. each; $2.50 per doz.; $15 per 100

Salvia azurea grandiflora

Sagina

Glabra. 2 in. Emerald-green cushions of moss-like growth covered in spring with numberless, small white flowers. 30 cts. each; $3 per doz.; $15 per 100.

Plumbago Larpentæ

Salvia • Meadow Sage

Azurea grandiflora. 4 to 5 ft. Tall, straight stems, covered for half their length with sky-blue flowers. August to October.

Pitcheri. 4 to 5 ft. Similar in habit and growth to the preceding but having rich, deep blue flowers. August to November.

All Salvias, 30 cts. each; $3 per doz.; $18 per 100

Santolina

Chamæcyparissus incana (Cotton Lavender). A sweet-smelling, dwarf, evergreen perennial, with delicate, silver-white foliage, useful as rock or border plants; also largely used in carpet bedding. 25 cts. each; $2.50 per doz.; $15 per 100.

Saponaria

Ocymoides. A good plant for carpeting in the herbaceous border or for trailing down the slopes in the rock-garden. Spangled with bright pink flowers in spring. 25 cts. each; $2.50 per doz.; $15 per 100.

Rock Gardens (Rockwell). Full information on this subject, $1.25 per copy

Scabiosa caucasia

Saxifraga

This plant is always a favorite in the rock-garden, both for its pink flowers in April and for its unusual foliage. The glaucous, oval leaves assume attractive autumn tints.

Cordifolia. Light pink. **Crassifolia.** Rosy pink.

All Saxifragas, 35 cts. each; $3.50 per doz.; $25 per 100

Scabiosa

Handsome border plants, succeeding in any ordinary well-drained soil in a sunny location, and should be grown in every garden where cut-flowers are wanted. They last a long time when picked and placed in water.

Caucasica. 2½ ft. One of the finest hardy plants, bearing throughout summer a succession of large, soft lilac flowers on long stems.
Caucasica alba. A white variety of the above.

All Scabiosas, 30 cts. each; $3 per doz.; $18 per 100

Sidalcea

Rosy Gem. 2½ ft. Pink, mallow-like flowers on slender, graceful stems. July. 30 cts. each; $3 per doz.

Sedum · Stonecrop

The dwarf varieties are charming plants for sunny positions in the rockery, etc., and the taller kinds make effective color groups in the border. They thrive in almost any soil, are especially fond of sand and full sun, and may be considered the backbone of the American rock-garden.

Acre. A dwarf grower which quickly forms a thick carpet of vivid green, moss-like foliage and is hidden by yellow flowers in May.
Album. 6 in. Small, succulent leaves which turn reddish bronze in fall. Trusses of white flowers in June and July. An excellent edging plant.
Hispanicum. 3 in. A minute plant forming spreading tufts of gray foliage becoming bronze in fall.
Kamtschaticum. Leafy, prostrate stems which in July and August bear clusters of star-shaped, orange-colored flowers.
Lydium. 4 in. Carpets of bright green foliage which turns reddish bronze during summer.
Reflexum. 9 in. Clusters of golden flowers. June, July.
Sarmentosum. Fleshy leaved trailer with yellow flowers.
Sexangulare. 6 in. Dwarf trailer. Green foliage and yellow flowers. June, July.
Sieboldii. 9 in. Round, fleshy, gray leaves and clusters of pink flowers. One of the most attractive Sedums. August, September. 30 cts. each; $3 per doz.
Spectabile. 1½ ft Erect, sturdy habit with broad, glaucous leaves. The rosy purple flowers are borne in large, flat heads and retain their beauty for two months. August, September.
Spectabile, Brilliant. A deeper-colored variety than the preceding, being a vivid amaranth-red.
Stoloniferum. 6 in. Large clusters of pink flowers on prostrate, trailing stems. June, July.
Ternatum. 6 in. Large trusses of white flowers in April. 30 cts. each; $3 per doz.

All Sedums, except where noted, 25 cts. each; $2.50 per doz.; $15 per 100

Sweet William *Dianthus barbatus*

A well-known, free-flowering hardy perennial, bearing heads of fragrant, richly colored flowers.
Pink Beauty (Newport Pink). A beautiful shade of salmon-pink; very large heads on long stems.
Scarlet Beauty. Large heads of an intense scarlet color; very striking.
Holborn Glory. Giant-flowering varieties in finest assortment of colors.
Single White.

All Sweet Williams, 25 cts. each; $2.50 per doz.; $12 per 100

Spiraea · Goat's Beard; Meadow-Sweet

Fine border plants, with feathery plumes of flowers and neat, attractive foliage. Succeeds in all locations.

Filipendula (Dropwort). 2½ ft. Loose clusters of creamy white flowers, tipped with red, borne on slender stems rising from tufts of fern-like foliage. June.
Ulmaria (Meadow-Sweet). 2½ ft. Loose heads of creamy white flowers on long, straight stems. June, July.
Ulmaria fl.-pl. 3 ft. A double-flowered variety of the above and a much superior plant. Excellent for cutting.

All Spiræas, 25 cts. each; $2.50 per doz.; $15 per 100

Stokesia · Cornflower Aster

A most charming and beautiful native hardy plant. The plant grows from 1½ to 2 feet high, bearing freely from early July until late in October, its handsome, centaurea-like blossoms measuring from 4 to 5 inches across.

Cyanea. 1½ ft. A showy plant with large blue flowers on somewhat straggling stems. August to October.
Cyanea alba. A white form of the preceding.

All Stokesias, 25 cts. each; $2.50 per doz.; $15 per doz.

Statice

Latifolia (Sea Lavender). 1½ to 2 ft. Branching flower-stems bearing countless small, blue-purple flowers which retain their color long after being cut and dried. Very good for cutting. August, September. 25 cts. each; $2.50 per doz.; $15 per 100.

Sempervivum · Houseleek

Arachnoideum. 3 in. Rosettes of fleshy leaves covered with silky hairs resembling a cobweb. 25 cts. each; $2.50 per doz.; $15 per 100.
Atroviolaceum. Forms rosettes over 6 inches in diameter of purplish red leaves, and bears pink flowers on stems 18 inches high. 35 cts. each; $3 per doz.
Globiferum. Pale green rosettes. 25 cts. each; $2.50 per doz.; $15 per 100.

Use Red Arrow, a modern insect control. See page 118

Spiræa (Goat's Beard or Meadow-Sweet)

Thymus · Thyme

The Thymes make a perfect, close, fragrant carpet on hot, dry, sunny banks where grass is difficult to establish. They are a sheet of blossom in June and July. A valuable trailing plant for the rockery.

Herba-barona. Prostrate grower. Purple flowers. Has strong caraway-seed scent. June. 50 cts. each; $5 per doz.

Nitidus. 9 in. A distinct species of bushy habit, covered in June with rosy lilac flowers. 50 cts. each; $5 per doz.

Serpyllum (Azoricus). 6 in. A dwarf, shrubby species with purple flowers. May, June. 50 cts. each; $5 per doz.

Serpyllum albus. A white-flowering form.

Serpyllum citriodorus argenteus. Forms a compact bush about 9 inches in height. The small leaves are silver-variegated and lemon-scented.

Serpyllum citriodorus aureus. Similar in habit and fragrance to the above, but having golden variegated leaves.

Serpyllum coccineus (Scarlet Thyme). Dark green foliage and bright red flowers.

Serpyllum lanuginosus (Woolly-leaved Thyme). Woolly foliage and bright pink flowers.

All Thymus, 25 cts. each; $2.50 per doz.; $18 per 100, except where noted

Thalictrum · Meadow Rue

Hardy plants, valuable for their attractive foliage and very graceful plumose flowers. Foliage colors in the fall. Desirable for cutting where an attractive green is needed. Will thrive in partial shade.

Adiantifolium. 2½ ft. Clumps of maidenhair-like foliage and long spikes of loosely arranged, small, yellowish white flowers, good for cutting. They can be used in place of *Gypsophila paniculata* before that is available. June, July.

Aquilegifolium. 2½ ft. Columbine-like foliage and feathery heads of creamy white flowers. June, July.

Aquilegifolium purpureum. Pinkish purple flowers.

All Thalictrums, 30 cts. each; $3 per doz.; $18 per 100

Trollius · Globe Flower

Orange Prince. 2 ft. This beautiful, hardy, robust border plant has handsome dark green foliage and showy orange-yellow flowers in profusion. Well adapted for half-shady or sunny positions. Very fine. May, June. 50 cts. each; $5 per doz.

Superbus. Similar in habit to Orange Prince but has pale yellow blossoms. 50 cts. each; $5 per doz.

Trillium

Grandiflorum (Wood Lily; Wake Robin). Excellent plants for shady positions in the hardy border. Large, pure white flowers in early spring. 20 cts. each; $2 per doz.; $12.50 per 100.

Tritoma

Pfitzeri (Torch Lily). 2 to 3 ft. A very distinct and handsome late-flowering perennial, with tufts of grass-like foliage and thick, fleshy stems covered with orange-scarlet, tubular flowers. September, October. 35 cts. each; $3.50 per doz.

Royal Standard. 3 ft. A new variety blooming from June until the end of October. Upper half of flower-spike rosy scarlet; lower half bright yellow. 50 cts. each; $5 per doz.

Tritoma, Royal Standard

Viola, Jersey Gem

Valeriana

Officinalis. 3 to 4 ft. A strong-growing and free-flowering plant bearing large heads of pale pink flowers. June, July. 25 cts. each; $2.50 per doz.; $15 per 100.

Viola

Apricot. Rich apricot color, tinged with orange.

Pedata (Bird's-Foot Violet). 6 in. Tufts of finely divided leaves and lilac-blue flowers. April, May.

Jersey Gem. Cannot be too highly praised. It possesses every good quality that a plant should have, and, as far as we know, no bad ones. Blooms freely and continuously from spring until frost, and the flowers, royal purple in color, are not affected by the sun. Its foliage is a rich, healthy green, and its habit of growth is neat and compact.

Primrose Dame. Pale yellow. Very free flowering.

Purple Glory. Large, ruby-purple flower. Free and persistent flower.

White Swan. A pure white.

All Violas, 25 cts. each; $2.50 per doz.; $15 per 100

Veronica

Filiformis. Useful for the rock-garden.

Incana. 1 ft. Compact masses of silvery foliage and deep blue flowers. May, June.

Longifolia subsessilis. 2 ft. One of the handsomest blue-flowering plants. Perfectly hardy and increases in strength and beauty each year. Spikes completely studded with beautiful blue flowers. Fine for cutting and one of the best plants for the hardy border. July to September. 35 cts. each; $3.50 per doz.

Repens. 4 in. Carpets of evergreen foliage entirely covered in spring with very pale blue flowers.

Teucrium rupestris. 6 in. A prostrate trailer forming a thick green carpet which is almost hidden in May and June by myriads of clusters of deep blue flowers.

Spicata. 2 ft. Spikes of blue flowers. June to August.

25 cts. each; $2.50 per doz.; $18 per 100, except where noted

Yucca

Filamentosa (Adam's Needle). Among hardy plants there is nothing more effective and striking for isolated positions on the lawn or on dry banks where few other plants thrive. It is also indispensable for the rockery. Its broad, sword-like, evergreen foliage and immense branching spikes of drooping, creamy white flowers, rising to a height of 6 feet, render it a bold and handsome subject wherever placed. 25 cts. each; $2.50 per doz.; $15 per 100.

HARDY CLIMBING PLANTS

Climbing vines are as necessary to the comfort and beauty of a home as the trees and shrubs we plant about it. They mature quickly and tone down the stiff, bold angles of new buildings, and give shade and flowers over verandas and trellises. On steep slopes and banks they prevent erosion. They ramble over unsightly, neglected places and make them beautiful. Some have fragrant and brilliant flowers. Vines are strong, robust growers that require little attention other than to occasionally train them.

Actinidia

Arguta (Silver Vine). A very desirable hardy Japanese climber of strong, vigorous growth, with dark green, shining foliage and greenish white flowers with purple centers, which are followed by clusters of edible fruit with fig-like flavor. An excellent plant for covering arbors, trellises, etc., where a rapid and dense growth is desired. Strong plants, $1 each.

Akebia

Quinata (Akebia Vine). One of the most graceful of our hardy climbers, with small, deep green foliage, and producing in early spring numberless bunches of violet-brown flowers which have a pleasant cinnamon odor. Most desirable for positions where a dense shade is not required. Strong plants, 50 cts. each; $5 per doz.

Ampelopsis

Engelmanni. A variety of the Virginia Creeper, with glossy green foliage, changing to brilliant crimson in autumn.

Lowi. Like *Ampelopsis Veitchi* it clings to the smoothest surface. The small, prettily lobed foliage changes to a brilliant crimson in autumn.

Quinquefolia (Virginia Creeper). Very large, green foliage, changing to brilliant scarlet in the fall; grows quickly and clings very firmly to walls, etc.

Veitchi (Boston Ivy). The best climber to cling to walls, trees, etc.

All Ampelopsis, 50 cts. each; $5 per doz.; $35 per 100

Aristolochia

Sipho (Dutchman's Pipe Vine). A vigorous, rapid-growing climber, bearing singular brownish colored flowers, resembling a pipe in shape. Its flowers, however, are of little value compared to its light green leaves, which are of very large size and retain their color from early spring to late fall; perfectly hardy. Strong plants, $1 ea.

Bignonia

Radicans (Trumpet Vine). Dark red, with orange throat. Very free flowering. 50 cts. each; $5 per doz.

Clematis

LARGE-FLOWERING

Henryi. Creamy white; large.

Jackmani. The popular rich purple variety.

Mme. Edouard Andre. Bright carmine.

All above Clematis, 75 cts. each; $7.50 per doz.

SMALL-FLOWERING

Paniculata (Japanese Virgin's Bower). One of the finest climbers. Clouds of small fragrant white flowers in August. Extra-strong plants, 50 cts. each; $5 per doz.; $35 per 100.

Celastrus · Bittersweet

Scandens. A native vine, of rapid growth, with large leaves and yellow flowers. The bright orange-colored pods split crosswise, disclosing scarlet seeds, and together these form a bright spot all through the winter. 50 cts. each; $5 per doz.

Euonymus

Kewensis. A new variety, with very small dark green foliage, especially valuable as a rock-plant or ground-cover.

Radicans variegata. A beautiful small-leaved green and white variegated form.

Radicans vegeta. A large-leaved form, splendid for covering high walls.

All Euonymus, 35 cts. each; $3.50 per doz.; $20 per 100

Honeysuckle

Chinese Evergreen (Woodbine). Yellow and white variegated flowers.

Hall's. White, turning yellow.

Variegated. Foliage mottled yellow and green; flowers white and yellow.

All Honeysuckles, 35 cts. each; $3.50 per doz.

Ivy

English. Invaluable for covering walls and graves. Plants from 4-inch pots, 50 cts. each, $5 per doz., $40 per 100; 5-in. pots, 75 cts. each, $7.50 per doz., $60 per 100.

Lathyrus · Hardy Everlasting Pea

One of the best and most desirable flowering hardy climbing plants, attractive both in flowers and foliage, growing to a height of 8 to 10 feet, and producing clusters of large flowers the entire summer, fine for cutting, lasting well.

Latifolius. Deep rosy red.

Latifolius albus. Pure white.

All Lathyrus, 30 cts. each; $3 per doz.

Polygonum

Auberti. A useful vine for porches, lattice-work, fences, buildings, etc., and perfectly hardy and free from disease or pests. It is quick growing, a small plant making 25 to 30 feet of growth the first summer, and produces clouds of snowy white flowers, in long clusters, which turn rose-color with age. The foliage is clean looking and attractive, and, apart from its wonderful flower effect, will please everyone by its appearance. It will not cling to the wall, but will ramble over anything that will support it. Extra-strong pot-grown plants, 75 cts. each.

Pueraria

Thunbergiana (Kudzu Vine). The most rapid-growing vine in cultivation, attaining, after once being established, a height of 50 feet or more in one season. The foliage is large and furnishes dense shade. It bears small racemes of rosy purple, pea-shaped blossoms toward the close of August. 30 cts. each; $3 per doz.

Wisteria

This flowers in the latitude of Philadelphia during May. A strong, developed vine produces hundreds of flower panicles, while no foliage is visible until after the bloom is faded. They thrive best in the sun, and with an application of cow manure once or twice a season, they respond marvelously by an extra growth and an abundance of flowers.

Chinensis (Chinese Wisteria). Pale blue, somewhat fragrant flowers. Extra-strong plants, $1 each.

Chinensis alba. A beautiful white-flowering form of the above. Extra-strong plants, $1 each.

HEDGE PLANTS

Barberry, Japan

(Berberis Thunbergi)

Where a dwarf deciduous hedge is wanted, nothing equals this beautiful Barberry. Requires but little pruning to keep in shape. The leaves are small, light green, and toward fall assume rich, brilliant colors. The fruit or berries become scarlet and are extremely decorative on the plants all through the winter. Absolutely hardy in all parts of the country. Plant 12 to 15 inches apart. Extra-strong 3-year-old plants, 1½ to 2 feet high, $3 per doz.; $20 per 100.

Boxwood Edging

(Dwarf Box)

The well-known Box used for edging, and invaluable for that purpose. 4 to 6 inches high, $2.50 per doz.; $15 per 100. 6 to 8 inches high, $3.50 per doz.; $25 per 100.

Privet, California

(Ligustrum ovalifolium)

This is a rapid grower under all conditions, and has handsome glossy foliage that lasts well into the winter. It may be used as a specimen or in a hedge. Withstands any amount of pruning, and is extremely hardy. To make a good hedge, set the plants in a double row 6 inches apart and 6 inches between the rows. Strong, select, well-rooted plants, 1-year-old, 1½ to 2 feet high, $1.25 per doz.; $6 per 100; $50 per 1,000. 2-year-old, 2 to 2½ feet high, $1.50 per doz.; $8 per 100; $70 per 1,000.

WATERER'S SELECT SMALL FRUITS

Blackberries

All Blackberries, $1 per doz.; $7 per 100

Erie. Early, hardy, and productive. Large, sweet fruit of excellent quality.

Eldorado. Sweet, melting, and rich. A valuable variety, being hardy and very productive.

Mersereau. An enormous producer of extra-size berrics which are brilliant black, retain their color under all conditions, and are very sweet and without core.

Ward. Produces an enormous crop of extra-large, glossy black berries which are rich, sweet, tender, with no hard core.

Currants

All Currants, $3.50 per doz.; $20 per 100

Fay's Prolific. Best of all the red Currants. A great bearer, with long stems. Subacid.

Wilder. Strong grower, quite unusually productive, and of extra-good quality. Red.

Grapes

All Grape-Vines, 35 cts. each; $3.50 per doz.

Concord. Ripens in early August. Fruit dark purple, almost black, large, juicy, sweet, and delicious. Because of its extremely high merit, Concord has become the most popular Grape in the country.

Moore's Early. Ripens a little before the Concord. Very deep black berries, unusually large, and of extra-fine quality. The bunches are medium size, but are held together firmly. They stand handling and shipping unusually well and have an established reputation on all markets.

Caco. A cross between Catawba and Concord. In appearance it is one of the most beautiful of all hardy Grapes. The large, wine-red berries, with abundant bloom, are carried in large, compact bunches. It ripens in advance of Concord and is a strong, vigorous grower.

Niagara. Ripens in late August. Bunches of berrics large; color greenish white, changing to pale yellow when fully ripe.

Gooseberries

All Gooseberries, $3.50 per doz.; $20 per 100

Downing. Large, solid, very firm berries. The bush is unusually free from mildew and produces great quantities of light-colored berries of excellent quality.

Houghton. The medium-sized berries are red when ripe, and sweet; very productive. One of the best sorts for general-purpose planting.

Raspberries

All Raspberries, $1 per doz.; $7 per 100

Cumberland (Blackcap). The largest Raspberry known; immensely productive.

Cuthbert. Berries very large, conical, rich crimson. One of the old-time favorites.

King. In this extra-early variety are united earliness, bright color, firmness, and excellent quality of its berries, with vigorous growth, productiveness, and hardiness of cane. Its crimson berries are exceedingly bright in color and firm.

Ranere (St. Regis). Fruit ripens very early and bears extremely heavy crops that sell for fancy prices because of its earliness. All summer, until frost, it gives fair to good pickings, dependent in part on the season. Extremely hardy, vigorous, and free from disease.

Strawberries

For best growth Strawberries require light, fibrous, or sandy loam, well enriched, with plentiful moisture during the bearing season. The layer plants should be set out in April, when possible, about 1 foot apart, in rows 2 feet apart.

Pot-grown plants furnished for planting in August and September

Price of the following Layer Strawberry Plants, 75 cts. for 25; $1.25 for 50; $2 per 100; $12 per 1,000. We can supply most all other popular varieties, though not offered here.

Big Joe. An ideal midseason variety.

Brandywine. Bears great quantities of uniformly large, bright crimson berries that are firm and of good quality. Midseason.

Premier. An early variety, succeeding nearly everywhere and of excellent quality.

Senator Dunlap. Early to midseason. Probably the most productive variety yet introduced.

Sharpless. Fruits late in the season. A good grower, producing handsome berries.

William Belt. An "all-season" variety, fruiting from early to quite late. Very popular.

Fall or Everbearing Strawberries

All Everbearing varieties, 75c. for 25; $2 per 100; $12 per 1,000

Champion Everbearing. Among the best-known and most largely planted. The berries are nearly round, smooth, dark crimson, glossy, and of sweet flavor. It yields heavily in June and is one of the most prolific again in the fall.

Progressive. Of vigorous habit, with large, clean leaves. The plants multiply better than many of the fall-bearing varieties and yield profusely. The berries, which are smooth and uniform in size, are deep crimson, glossy, and of good quality.

WATER-LILIES

Hardy Water-Lilies

Ready April 15 to June 1

Alba candidissima. A very vigorous and desirable variety, requiring ample space. Flowers large, pure white. $1 each.

Comanche. The largest and finest of the apricot tints. The flowers have a wonderful combination of orange and glowing amber-red. A strong grower and the earliest and most continuous bloomer in the hardy class. $3 each.

Gloriosa. A superb large flower of a deep carmine-rose, becoming a dark red late in the season. Very free and continuous bloomer. $2.50 ea.

James Brydon. Rich rosy crimson, reverse of petals having a silvery sheen. $3 each.

Marliacea carnea. A delicate soft flesh-pink deepening toward the base of the petals. $1.25 each.

Marliacea chromatella. Petals and stamens bright yellow, 4 to 6 inches across. A free and continuous bloomer. $1.50 each.

Marliacea rosea. A splendid companion to the above, which it resembles in all particulars except color; flowers soft rose-pink. $2 each.

Odorata gigantea. Thc native white Lily of the Southeastern Statcs. Flowcrs purc white, 5 to 7 inches across. A very strong, vigorous grower. 75 cts. each.

Odorata minor. The miniature white Water-Lily. Very dainty and suitable for tubs and small pools. 50 cts. each.

Odorata, W. B. Shaw. This magnificent Lily has large fragrant flowers of a rich, clear, rosc-pink. $1.25 each.

Paul Hariot. A large, magnificent light yellow delicately shading to copper-red. Foliage spotted with brownish red. A free bloomer. $2 ea.

Tuberosa. A native white variety of very strong growth, flower from 4 to 9 inches across, produced in moderate quantity. The various varieties of Tuberosa are suitable for planting in deep water, and should have plenty of room to spread. 50 cts. each.

Tuberosa rosea. Flowers an exquisite shade of pink. A vigorous grower, of the easiest culture. $1 each.

Day-Blooming Tender Nympheas

These are supplied in pot-grown plants after June 1

Grossherzog Ernst Ludwig. A free-flowering variety of a true violet-blue, with a golden yellow center. $2 each.

Mrs. C. W. Ward. Deep rosy pink on long stems. $2 each.

Pennsylvania. Flowers of largest size, of a rich blue color. Very free and continuous flowering. $2.50 each.

Zanzibariensis. The darkest blue or purple of the genus; very free-flowering. $1.50 each.

Zanzibariensis azurea. Clear azure-blue. $1 each.

Zanzibariensis rosea. Various shades of rose. $1 each.

Night-Blooming Tender Nympheas

Dentata. White blooms 8 to 12 inches across. $1 each.

Dentata magnifica. Large, cup-shaped, creamy white flowers, 10 to 12 inches across. Very desirable. $2 each.

Dentata superba. The largest white Water-Lily grown. Flowers of clear glistening white. $2 each.

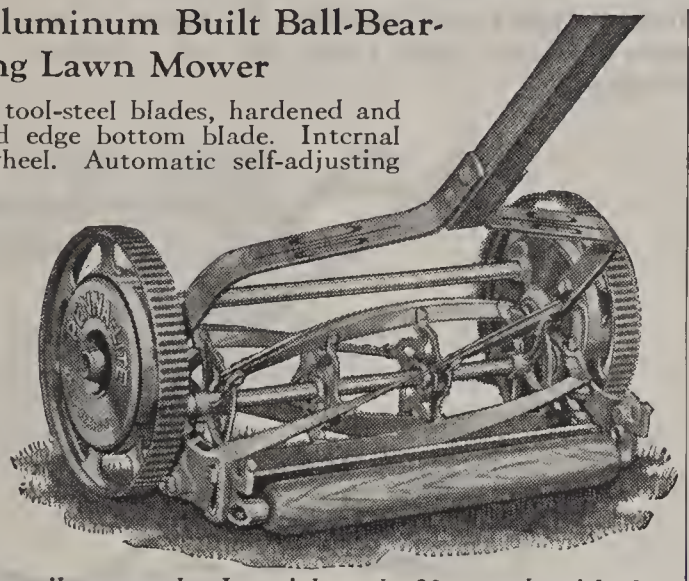
Devoniensis. This old favorite produces its large pure red flowers in the greatest abundance. $1 each.

Kewensis. Medium-sized light pink flowers. $2 each.

LAWN MOWERS

Prices subject to change without notice

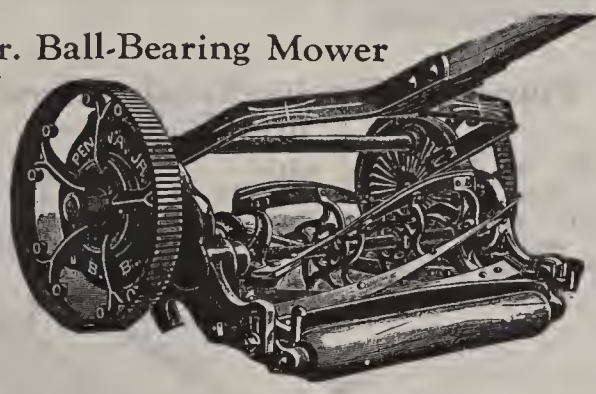
Pennalite-Aluminum Built Ball-Bearing Lawn Mower



Five crucible tool-steel blades, hardened and tempered; raised edge bottom blade. Internal gear in each wheel. Automatic self-adjusting ball - bearings. Hardened steel cup and cones. Steel axle for wheel is screwed and bolted to side plate.

This is the lightest Mower on earth. The wheels, side plates, and cast back are made of tough aluminum alloy castings, with high tensile strength. It weighs only 29 pounds with the handle (14 pounds lighter than the ordinary Mower), yet will cut the toughest grass without jumping, and pushes so easily a child can operate it. It is especially recommended for terraces. 10-in. wheels; 6-in. 5-blade cylinder, 17-in. cut, $15.50.

Pennsylvania Jr. Ball-Bearing Mower



Five blades of crucible tool steel. Lower knife, of raised edge pattern, made of the same steel. It is of such construction as to make it self-sharpening until entirely worn out. Ball-bearing cylinder journals. Bearings are the best, adjustment the finest. Double train of gears, one on each side, insuring smooth work on the uneven lawn.

High wheel, 10-inch diameter.

15-inch cut $20 00
17-inch cut 22 00
19-inch cut 25 00
21-inch cut 28 00

We can supply Pennsylvania Standard and Continental Lawn Mowers at the same price as the Pennsylvania Jr.

Pennsylvania Great American Ball-Bearing Lawn Mower

It is a double-gear machine with five knives made of crucible tool steel of the very highest quality, oil-tempered, and water-hardened. Its bottom knife is of the same quality and self-sharpening. The case-hardened tool steel cones and cups in which extra-large balls revolve in conjunction with the very high wheels (10 inches in diameter), make it one of the easiest running Lawn Mowers on the market. The 15-inch size is suitable for use on terraces.

10-inch wheels, 5-blade cylinder.

15-inch cut ..... $15 00 | 19-inch cut $19 00
17-inch cut ..... 17 00 | 21-inch cut 21 00

Jewel Lawn Mower

The best Mower for the price. Made by the Coldwell Lawn Mower Co., to meet the demands for a fairly good, low-priced Mower, where the size of the lawn does not justify a heavy outlay.

High wheel, 4-blade cylinder.

12-inch cut $9 00
14-inch cut 9 50
16-inch cut 10 00

Waterer's Special Ball-Bearing Lawn Mower

The best all-round Ball-bearing Mower to be had at a moderate price. In designing this Mower, every feature was included that would produce one of the finest Mowers ever built. It is durable, light-running, easy to push, and requires very little attention or adjustments.

It has 10-inch steel wheels, solid style, and the cylinder has 5 crucible steel blades, driven direct by gears in each wheel. The bottom knife is flat crucible steel, self-sharpening.

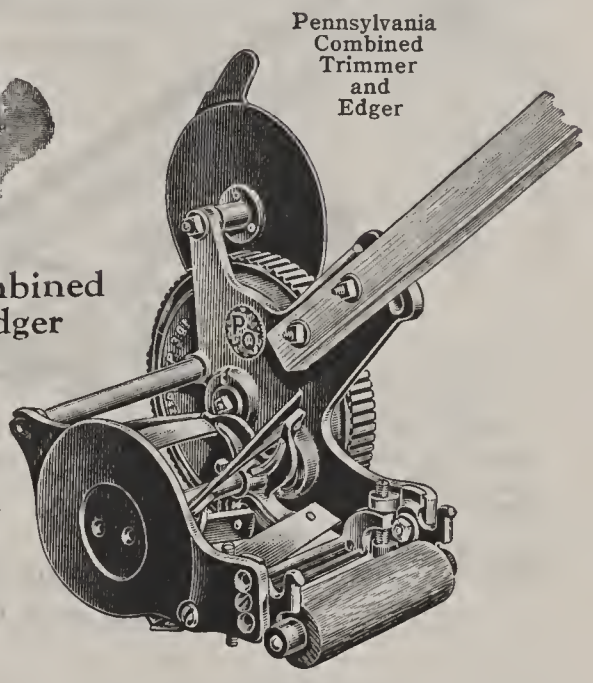
A well-balanced machine and Waterer quality throughout. One size only, 16-inch, $8.95.

Pennsylvania Undercut Lawn Trimmer

Pennsylvania Undercut Lawn Trimmer

The unique construction of the Undercut Trimmer permits cutting close to a wall, fence, tree, and other places hitherto out of reach of anything but hand shears. The slanting side plate and conical cylinder make it possible to cut all grass which the regular lawn mower will not reach. Ball bearing, with 9½-inch drive wheel; 4-blade cylinder; 5½-inch cut, $10 50.

Pennsylvania Combined Trimmer and Edger



Pennsylvania Combined Trimmer and Edger

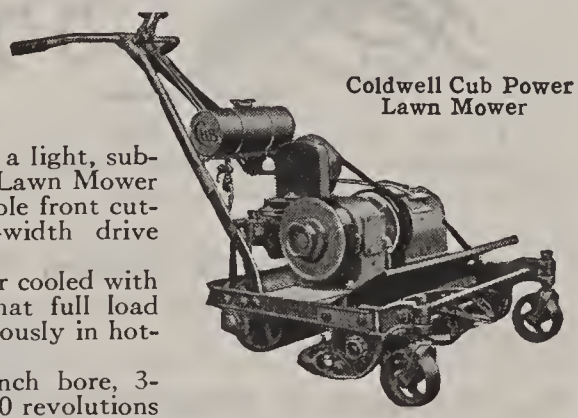
With this machine, which consists of the Pennsylvania Ball-bearing Trimmer, equipped with a steel disc and a small plow, you can trim the overhanging grass along the edges of paths and flower-beds and do similar work that has heretofore required either a half-moon hoe, a grass-hook, or hand shears. $9.

L Twin Motor Lawn Mower and Roller

Powerful 2-cylinder, water-cooled motor; automatic lubrication. 25-inch cut, $325, f.o.b. Newburgh, N. Y. **"Twin 30,"** $375, f.o.b. Newburgh, N. Y.

The New Gang Units. Extreme cutting width, 60 inches. The new detachable Gang Units for use with Model "L" Motor Lawn Mower and Roller increase the cutting width from 25 to 60 inches. $60.

Coldwell Cub Power Lawn Mower



Coldwell Cub Power Lawn Mower

The Coldwell Cub is a light, substantially built, power Lawn Mower with a 21-inch detachable front cutting unit and a full-width drive roller.

The cylinder is water cooled with fan and radiator so that full load can be carried continuously in hottest weather.

The engine is 2 ½-inch bore, 3-inch stroke and at 1,200 revolutions per minute develops 1½ brake horsepower. $190.

Non-Skid Catcher

This Catcher will fit any lawn mower having a cut of from 12 to 21 inches. The bottom is made of heavy galvanized sheet iron and the sides are made of heavy white canvas.

12 to 16-inch width mower $1 10
18 to 21-inch width mower 1 40

Lawn Boots for Horses

Made of very heavy sole leather, waterproofed and finished black. The sole is reinforced with steel rivets. Small, set of four, $15.50; Large, set of four, $20.

Lawn Grass Seed. If you desire a perfect lawn, use our Homebush Lawn Grass Mixture. See page 3.

Planet Jr. Farm and Garden Tools

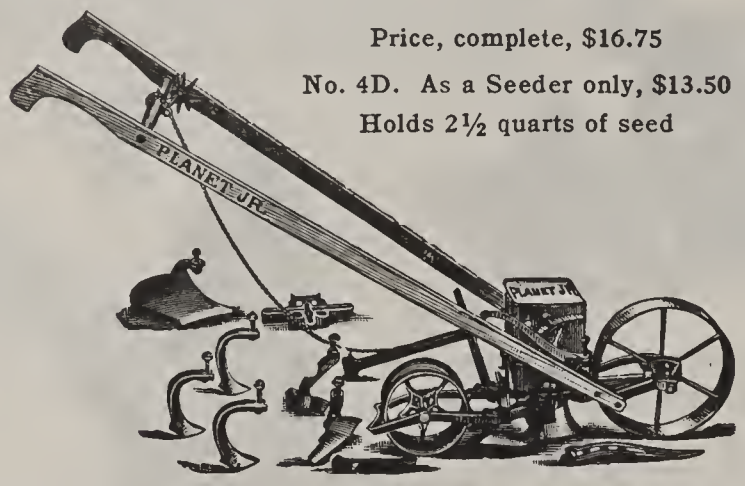
These are the greatest time-, labor-, and money-savers ever invented for the farm and garden. They pay for themselves in a single season in bigger, better crops, and last a lifetime. Fully guaranteed. Ask for special Planet Jr. catalogue.

No. 4 Planet Jr. Combined Hill and Drill Seeder, Wheel Hoe, Cultivator, and Plow

Price, complete, $16.75

No. 4D. As a Seeder only, $13.50

Holds 2½ quarts of seed



This tool combines in a single convenient implement a first-class Hill and Drill Seeder, having the same sowing device as the No. 3 Seeder, with a Wheel Hoe, Cultivator and Plow. Popular with gardeners.

No. 12 Combined Double and Single Wheel Hoe, Cultivator and Plow

Price, $10.25

A Double and Single Wheel Hoe in one. 14-inch steel wheels. Straddles crops till 20 inches high, then can be worked between rows with one or two wheels. The greatest hand-cultivating tool made.

Fire-Fly Garden Plow

Useful to owners of small gardens and to chicken-raisers for plowing up scratching-yards. $4.

No. 16 Planet Jr. Single Wheel Hoe, Cultivator, Rake, and Plow

Designed to do all work required in the small garden—plowing, cultivating, hoeing, and raking. It is very light, and can therefore be easily carried about. $8.50.

NO. 17. SINGLE WHEEL HOE. Identical with No. 16, excepting that the two rakes and leaf-guard are not supplied. $7.35 .

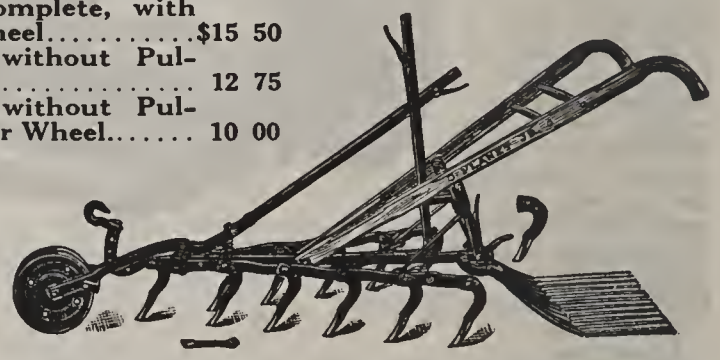
No. 119 Planet Jr. Garden Plow and Cultivator

Price, complete $4.25

This new member of the "Planet Jr." family will appeal to all those who prefer a high-wheel tool for their garden work. The equipment is so complete that it will meet all the needs of the ordinary garden, where the adjustments and refinements of the higher-priced Wheel Hoes are not required.

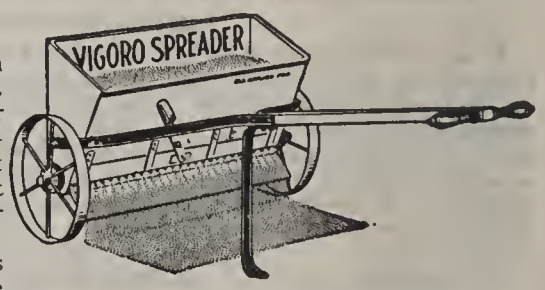
Planet Jr. Twelve-Tooth Harrow, Cultivator and Pulverizer

No. 90 Complete, with Steel Wheel	$15 50
No. 90B without Pulverizer	12 75
No. 90D without Pulverizer or Wheel	10 00



With the Twelve-Tooth Harrow you go as deep or shallow as you like, come up close to row without injuring plants, cut out all the weeds, stir the soil and mellow and fine it as with a garden rake. You widen and narrow as you please between 12 and 32 inches.

Vigoro Spreader



It is easy to push, even when loaded to capacity. A baffle plate in the hopper takes the weight of material off the agitator. It applies the same amount whether hopper is full or almost empty.

Six positive adjustments make possible a wide range of application. A follower board under hopper breaks the flow of material from discharge and carries it to within 3 inches of the ground—a feature particularly desirable on a windy day.

Hopper is 24 inches wide; made of 24-gauge, rust-resisting galvanized sheet steel. It holds 75 pounds of fertilizer or 25 pounds of seed mixture. $10.85; 36 inches wide, $17.25.

Planet Jr. Star Pulverizer

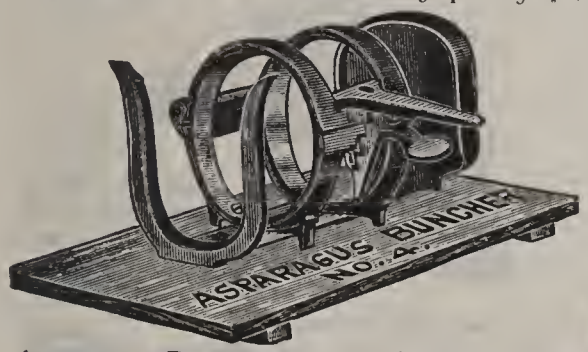
The revolving star-shaped discs have a large cutting surface, and these, in conjunction with the scuffle hoe blade, cut and pulverize the soil *below* the surface as no amount of raking could possibly do. $2.85 each.

Top-dress Your Lawn With Sacco

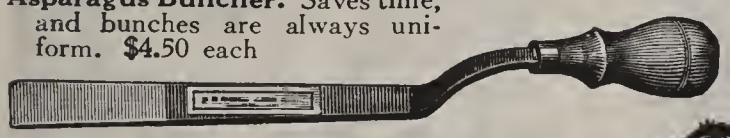
High-Grade Tools and Supplies for Garden and Greenhouse

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

Aprons, Rubber. To protect the clothing when watering or doing any garden or greenhouse work. Extra-heavy quality. $2.



Asparagus Buncher. Saves time, and bunches are always uniform. **$4.**50 each



Asparagus Knife

Asparagus Knives. Fine quality steel. Square blade, 50 cts. each; V-shaped, long handle, 55 cts. each.

Asparagus Tape. 1,000-yd. spools. Fast colors; green and red. $3.50 each.

Axes. Medium weight. Best quality handle. $2.75 each.

Baskets, Split or **Chip,** with handles. ¼-bus. $1.60 per doz.; ½-bus. $1.75 per doz.; ¾-bus. $2.75 per doz.; 1-bus. $3.25 per doz.

Basket, Garden Truck. Built on a heavy oak frame with three oak straps completely girdling the basket from rim to rim and fastened beneath rim. 1-bus. size, $1.75.

Vegetable and **Berry.** Made light for gathering fruits, vegetables and flowers. 23 in. long, 12 in. wide, 4 in. deep, $1.

Bean Poles, Cedar. About 10 feet long. $2.25 per doz.; $4 for 25; $7.75 for 50; $15 per 100.

Bellows, Powder. Page 113.

B-B Improved Celery Bleacher. An individual bleaching-tube with patent ventilating feature which eliminates sweating and decay. Insures clean, crisp celery quicker than by any other bleaching method. Takes but a few seconds to apply with B-B Handler, and can be used repeatedly. Enables you to bleach as few or as many stalks as you like, when you like. No more bothering with dirty and laborious soil-banking or expensive board-stripping.

		Doz.	100	500
B-1.	6 x 12 in.	$0 40	$2 75	$12 75
B-2.	6½ x 13 in.	45	3 10	13 90
B-3.	7 x 14 in.	50	3 45	15 00

Two types of Celery Handler are available:
Brass, $2.25 each. Tin, 75 cts. each.

Brooms, Stable or **Road.** Rattan or cocoa, $1.50 each.

Upright. Corn, $1.25 each; corn and rattan, $1.25 each.

Boxes, Cardboard, Flower.

Size, inches	Doz.	100
16 x 4 x 3	$0 80	$4 80
18 x 7½ x 3½	1 15	7 20
21 x 8 x 4	1 40	8 70
24 x 5 x 3½	1 10	7 05
24 x 8 x 4	1 30	9 45

	Doz.
23 x 12 x 5	$3 00
28 x 8 x 5	2 00
30 x 9 x 4	2 20
30 x 9 x 6	2 25
36 x 6 x 5	2 80
36 x 8 x 5	3 00
36 x 12 x 6	4 30

Corrugated Paper, Flower.

	Each	Doz.
48 x 14 x 8	$0 65	$5 00
42 x 14 x 8	60	4 00
36 x 14 x 6	55	3 50
30 x 12 x 6	45	3 00
24 x 8 x 5	40	2 50

B-B Waterproofed Plant - Boxes. Contains 12 craftboard pots. Start your seeds in the pots and transfer to the garden without retarding growth, by simply unlocking bottom of pots. Box and 12 pots, 15 cts. per set; 2 sets 25 cts.

Carnation Supports. See page 111.

Carnation Bands, Rubber. Oz. 30 cts.; ¼lb. $1.

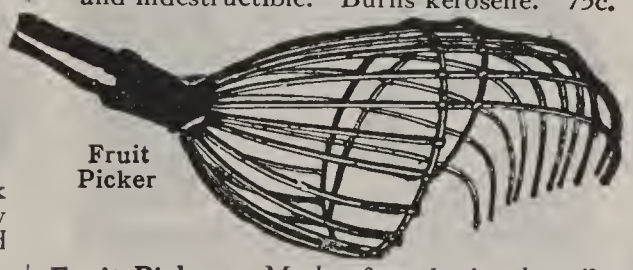
Dibbles. Just the tool for transplanting your small plants.

Brass Point. Wood handle; does not rust. $1 each.

Dibble

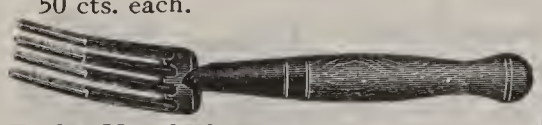
All Iron. Made hollow and light. 75c. ea.

Fumigating Lamp. Used for vaporizing of nicotine preparations. All metal. Practical and indestructible. Burns kerosene. 75c.

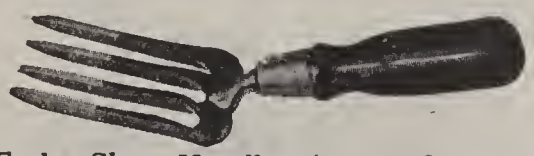


Fruit Picker

Fruit Pickers. Made of steel wire, heavily galvanized. Can be attached to any pole. 50 cts. each.

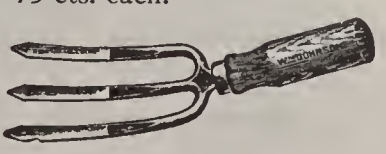


Forks, Hand Weeding, American Garden. 4-prong; fine quality steel; 12-in. handle. 50 cts. each.

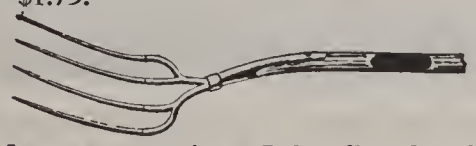


Forks, Short Handle. 4-prong; finest malleable steel. 75 cts. each.

Forks, Eureka. Has three steel prongs. Fine for transplanting or loosening the soil, etc. 50 cts. ea.

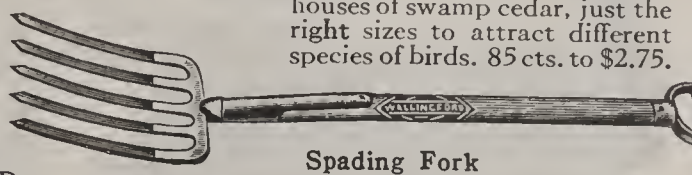


Hay. Flexible steel; 2-tine, $1.50; 3-tine, $1.75.



Manure. 4-tine; D-handle, $2; long handle, $1.75.

Bird House, Cedar. Durable houses of swamp cedar, just the right sizes to attract different species of birds. 85 cts. to $2.75.



Spading Fork

Forks, Spading. Best grade; tines spear-pointed; handle strapped both sides. Of superior quality and very strongly made. 4-tine, D-handle, $2; 5-tine, D-handle, $2.50.

Garden Lines. Best quality white cotton solid braided, 96 ft., $1.50; 144 ft., $2.25; 192 ft., $3; 240 ft., $3.75.

Garden-Line Reels. Small size, $1.25; large size, $2.50.

Line Reel

Garden Tool Sets. For women and children; light-weight, serviceable, well-finished tools. Set consists of 1 Spade, 1 Hoe, and 1 Rake. $2 per set.

Glass Cutters. Steel wheel, 25 cts. Six wheels, 65 cts.

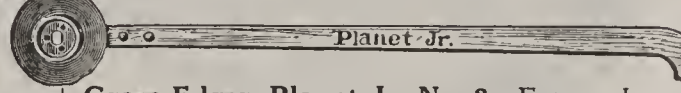
Glazing Points, Peerless. Made in three sizes: No. 1, for small single thickness glass; No. 2, for medium double thickness glass; No. 2½, for large double thickness glass. 65 cts. per 1,000, postpaid 75 cts.

Siebert. Zinc. Made with a prominent head; cannot rust; easily driven. ⅝, ¾, and ⅞in. long, 50 cts. per lb.

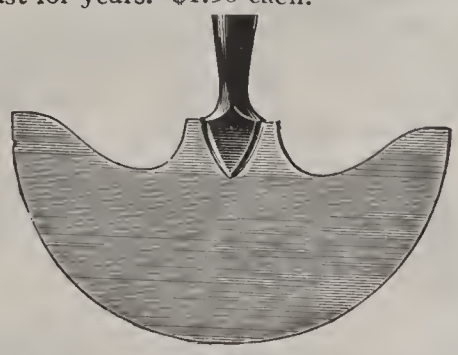
Gloves. Heavy, to protect against briars, etc. Buckskin or horsehide, $2 per pair.

Eezy Wear. Ideal Gloves for men and women, made from select, imported leather processed to render it amazingly soft and pliable, as well as durable. In ordering specify if for men or for women. 75 cts. per pair.

Grape Bags. Protect grapes against insects and birds. Bags should be applied when grapes are the size of a pea, prior to which fruit should be sprayed. 2-lb., 45 cts. per 100, $4 per 1,000; 3-lb., 55 cts. per 100, $4.75 per 1,000.



Grass Edger, Planet Jr. No. 2. Extremely simple to operate; made of high-grade steel. Does the work more rapidly and easily than the regular edging knife. The disc is made of high-grade steel and will last for years. $1.50 each.



Grass Edging Knife, English. Made of the very best steel. 8-in., $2.25; 9-in., $2.50.

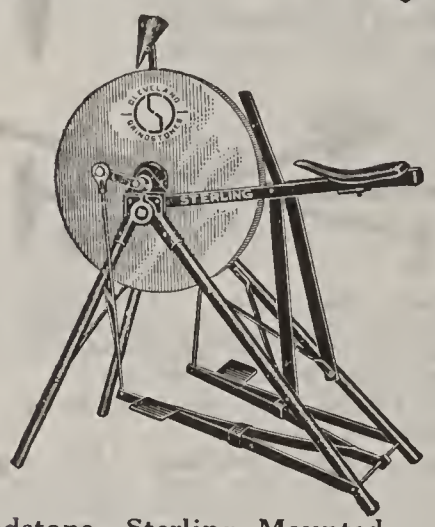
American. Equipped with handle. 9-in., $1.25. Handles for English Knives, 25 cts. each.

Grass Hooks or Sickles, Imported English. Forged from the finest quality tool steel. Heavy riveted back; thin blade. No. 2, 90 cts.; No. 3, $1. Solid back, No. 2, 75 cts.

Grass Hooks, Cavalier. Good quality steel. 60 cts. each.

Grafting Tool. Made of fine quality steel. $1.

Grafting Wax. ¼lb. 20 cts.; ½lb. 30 cts.; lb. 50 cts.



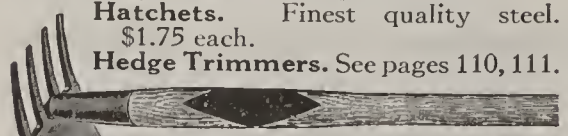
Grindstone, Sterling Mounted. Substantially made; heavy steel frame with seat and double treadles; fitted with improved ball-bearings, of the very best quality, encased so they will keep clean. Stone, 19 to 22 inches diameter, 1¾ to 2¼ inches thick. Weight 100 lbs. Shipped knocked down crated. $11.50 each.

Hanging-Baskets, Wire. Painted green. Can be suspended anywhere, indoors or out. 8-in., 30 cts.; 10-in., 45 cts.; 12-in., 65 cts.; 14-in., 75 cts.; 16-in., 90 cts.

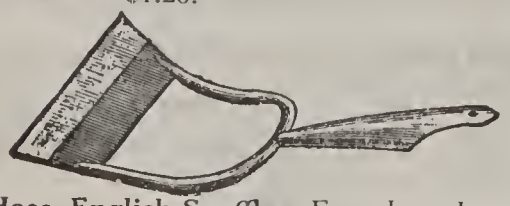
Hammers, Steel Claw. $1.10 each.

Hatchets. Finest quality steel. $1.75 each.

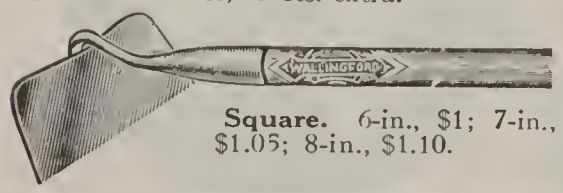
Hedge Trimmers. See pages 110, 111.



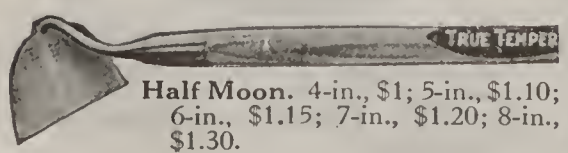
Hoe and Rake, Combined. A very handy garden tool; best quality steel. 4-prong, $1.10; 6-prong, $1.20.



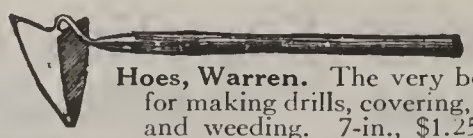
Hoes, English Scuffle. Forged steel; positively the best. The quality of material used and finish is superior to all others. 5-in., 75 cts.; 6-in., 80 cts.; 7-in., $1; 9-in., $1.25. Handles, 25 cts. extra.



Square. 6-in., $1; 7-in., $1.05; 8-in., $1.10.

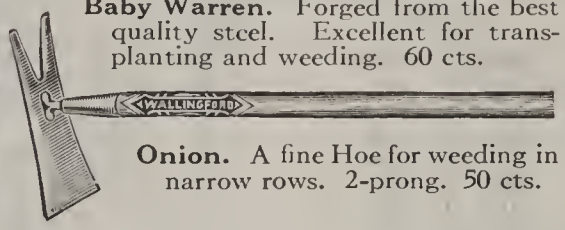


Half Moon. 4-in., $1; 5-in., $1.10; 6-in., $1.15; 7-in., $1.20; 8-in., $1.30.



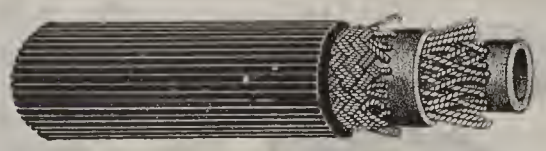
Hoes, Warren. The very best Hoe for making drills, covering, hoeing, and weeding. 7-in., $1.25; 8-in., $1.35.

Baby Warren. Forged from the best quality steel. Excellent for transplanting and weweeding. 60 cts.



Onion. A fine Hoe for weeding in narrow rows. 2-prong. 50 cts.

Hose, Rubber, Electric. Three-ply, non-kinkable, moulded Hose. The strength and durability of this Hose places it as the most popular on the market. ¾-in., 20 cts. per ft.



Flexo. A good-quality Hose, moderately priced; very serviceable. ¾-in., 18 cts. per ft.; ½-in., 17 cts. per ft.

Tryme. Surpasses all other grades of Hose at this price. ¾-in., 15 cts. per ft.

Spray. ⅜-in., 15 cts. per ft.

Spray, High-pressure. ⅜-in., 22 cts. per ft.; ½-in., 24 cts. per ft.

No charge for couplings on length 25 ft. or longer; shorter than 25 ft., 30 cts. per set.

Hose Bands, Wire. 35 cts. per doz.

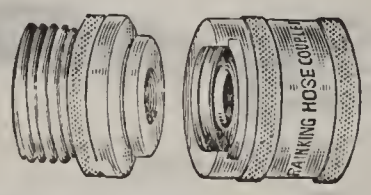
Hose Clamps, Galvanized. ½ and ¾-in., 5 cts. each; 45 cts. per doz.

Hose Coupling

Hose Clamp

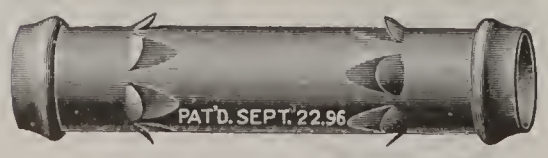
Hose Couplings, Standard Brass. ½ and ¾-in., 30 cts. each.

Perfect Clinching. Clamps and swivel fit snugly together. Brass tube and galvanized steel clamp. 30 cts. per pair; $3.25 per doz.



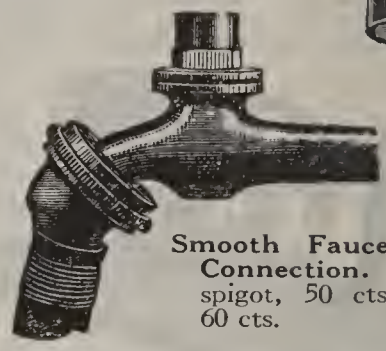
Rain King Coupling. Snaps together instantly; fits nozzles, sprinklers, and hose connections. 60 cts. each.

Hose Menders, Perfect. 15 cts. each; $1.50 per doz.



Cooper's Brass. A Mender that does not reduce the size of your hose. ½ and ¾-in., 10 cts. each; $1 per doz.

Hose, Siamese Connection. This brass Hose attachment is an excellent arrangement for operating two or more lawn sprinklers at one time. 65c. each.



Smooth Faucet Hose Connection. For small spigot, 50 cts.; large, 60 cts.

Hose Reducer. Threaded female, ¾-in., for hose coupling. Opposite end, ¼-in., male thread; to take any spray nozzle. Brass, 30 cts. each.

Hose-Nozzle, Boston. Coarse or fine; made of copper. $1.35 each.

Gem. A very popular adjustable Nozzle. Can be regulated to give three different streams. 75 cts. each.

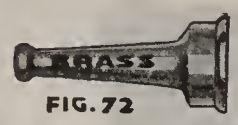
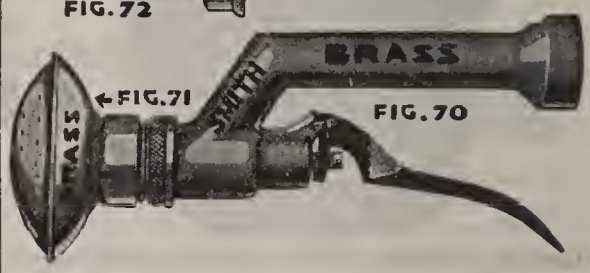


FIG. 72



← FIG. 71 FIG. 70

Aquamatic. A high-grade water-control, opening and closing automatically, by slightly pressing lever with the fingers. Wastes no water. A positive, quick shut-off with nothing to wear out and no leaks or drips. Made of heavy cast brass, carefully machined, and will last for years. $2 each.

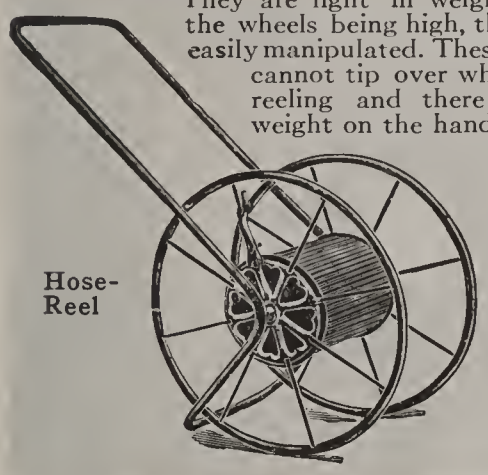
Hothouse. This is a heavy cast brass Nozzle with heavy sheet brass perforated plate. Throws large fine spray. Unsurpassed for hothouse sprinkling, watering lawns, vegetables and flower gardens, shrubbery, etc. 4-in. face, $1 each.

Hose Washers. 5c. per doz.; 50c. per lb.

Hose Nozzle Holders. Made of heavy galvanized wire. 20 cts. each.

Our 2-year-old Roses will give an abundance of bloom this season

Hose-Reels. Constructed entirely of iron. They are light in weight and the wheels being high, they are easily manipulated. These Reels cannot tip over when unreeling and there is no weight on the handle.



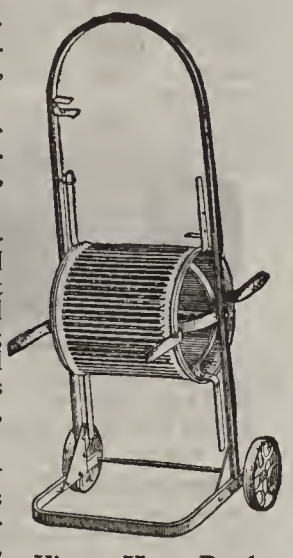
Hose-Reel

Style B, No. 10. Capacity 100 ft. ¾-in. rubber hose, $4.

Style B, No. 20. Capacity 150 ft. ¾-in. rubber hose, $5.

Style B, No. 30. Capacity 400 ft. ¾-in. rubber hose, $8.

Victor. Constructed with channel steel frame, cast iron wheels, solid steel reel arms; heavy corrugated steel drum. Holds 100 ft. ¾-in. hose, $1.50 each.



Victor Hose-Reel

Hotbed Mats. For protecting hotbeds and coldframes. 1-sash, 40 x 76 in., $2.50; 2-sash, 76 x 76 in., $4.50.

Straw Mats. 3 ft. x 6 ft., $3; 3 ft. x 10 ft., $5.

Straw Mats. Made to order any length up to 6 ft. in width, 20 cts. per square foot.

Hotbed Sash. Made of selected cypress. 3 ft. 1½ in. wide, 6 ft. long.

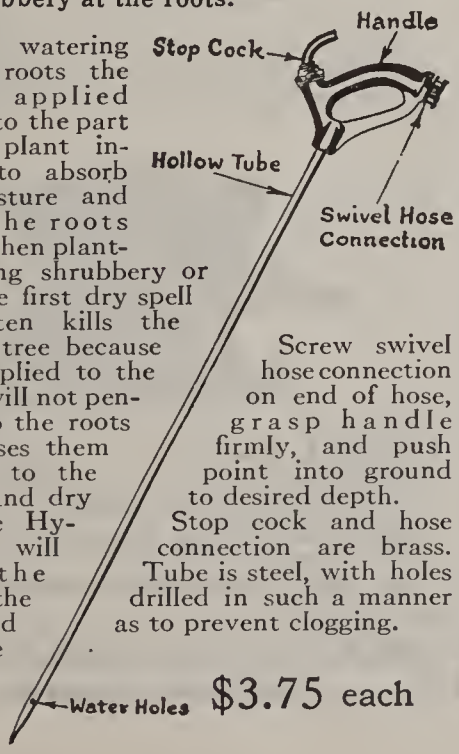
Plain, not glazed or painted. $3.50 each.

Glazed, painted, puttied glass. $7 each.

Packing charges on glazed sash, 50 cts. each.

Hydrospear

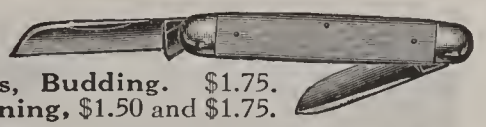
For watering all kinds of plants, trees, and shrubbery at the roots.



When watering at the roots the water is applied directly to the part of the plant intended to absorb the moisture and keeps the roots down. When planting young shrubbery or trees, the first dry spell very often kills the plant or tree because water applied to the surface will not penetrate to the roots but causes them to come to the surface and dry up. The Hydrospear will apply the water to the roots and save the plant.

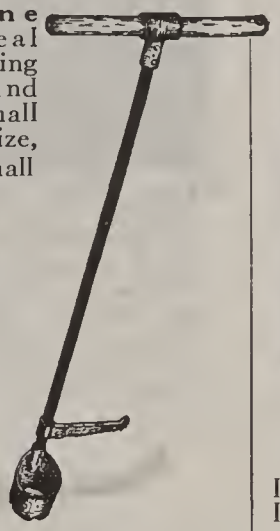
Screw swivel hose connection on end of hose, grasp handle firmly, and push point into ground to desired depth. Stop cock and hose connection are brass. Tube is steel, with holes drilled in such a manner as to prevent clogging.

$3.75 each

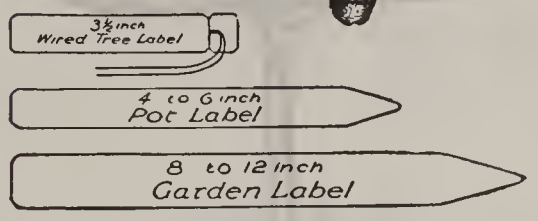


Knives, Budding. $1.75.
Pruning, $1.50 and $1.75.

Hole-in-one Tools. Ideal Tools for setting out bulbs and plants from small pots. Large size, $4 each; small size, 50 cts.



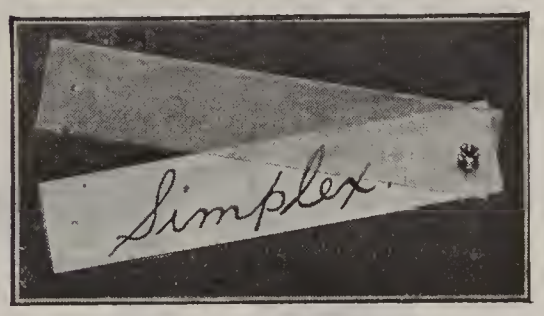
Labels, Indestructible Metal. Copper or Zinc. Will last for years. ¾ x 3½ inches, wired. Quickly attached to plants. Marking is done with a stylus furnished with each hundred. 30 cts. per doz.; $1.75 per 100.



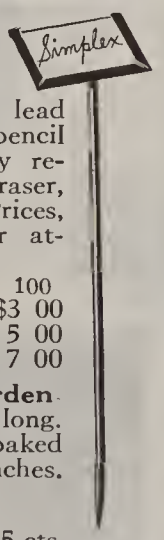
Painted Pot Labels.

Sizes	100	By P.P. per 100	1,000
4-inch	$0 35	$0 40	$2 15
4½-inch	40	45	2 65
5-inch	45	50	2 90
6-inch	55	60	3 40
8-inch	1 60	1 70	8 50
10-inch	1 75	1 90	10 25
12-inch	2 25	2 50	13 00

Tree Labels, Copper-wired, Painted. 50 cts. per 100; $3.15 per 1,000.



Simplex Weatherproof. Writing is protected by a transparent cover and will last for years if done with lead pencil. However, the pencil markings may be instantly removed with an ordinary eraser, and the Label used again. Prices, including copper wires for attaching:



Sizes	Doz.	100
No. 1. 3 x ½-inch	$0 50	$3 00
No. 2. 4 x ¾-inch	85	5 00
No. 3. 5 x 1-inch	1 10	7 00

Simplex Weatherproof, Garden. The stake is iron, 2 feet long. Finished in dark green, baked enamel. Card, 2¾ x 1½ inches. 25 cts. each.

Label Pencils. Special black, 25 cts. each; $2.50 per doz.

Ladders, Compound Extension. Equipped with the necessary rope and pulleys.

	Per ft.		Per ft.
20 feet	$0 70	30 feet	$0 70
22 feet	70	32 feet	70
24 feet	70	36 feet	80
28 feet	70	40 feet	80

Single Plank.

10 feet	$5 50	16 feet	$8 80
12 feet	6 60	18 feet	9 90
14 feet	7 70	20 feet	13 00

Lawn Signs

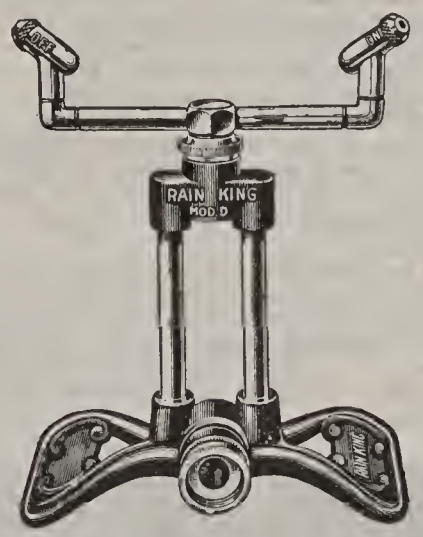
Excellent for putting on grass plots where thoroughfare is not desired. Iron, painted gray, trimmed red, 75 cts. each.

Pennsylvania Lawn-Cleaner

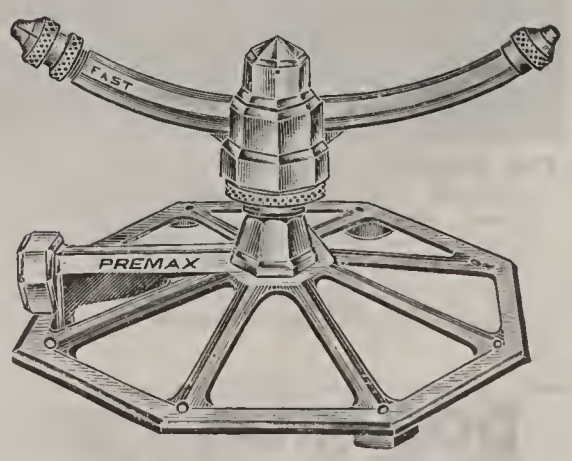
This hand machine will remove from the lawn not only the cut grass, but all sorts of leaves and litter, leaving the grass standing upright. It is easy to operate, and, with it, one man will do more and better work than four men with hand rakes. 24-inch rake, $30.

Sweeping Brushes for the above, set of three, 24-inch, $7, when purchased separately.

Lawn Sprinklers

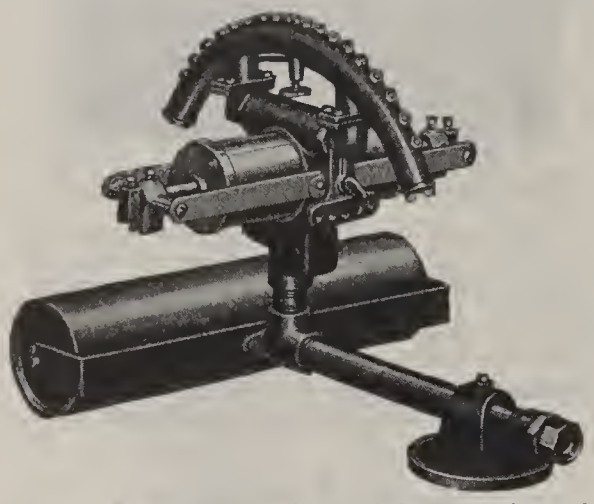


Rain King. The finest adjustable Lawn Sprinkler on the market. Will water a large or small area (8 to 80 feet in diameter), fine or coarse spray, revolving or stationary. Heavy, durable bearings; will last for years. $2 each.



Floating Head. Revolves on a water bearing without friction. The unique patented Floating Head revolves freely and uniformly on any water-pressure, giving a smoother-than-ball-bearing operation that eliminates wear and insures a lifetime of service. The nozzles, one fixed and one movable, are scientifically designed to distribute the water evenly. A special nozzle is provided for large areas. $2.25 each

Ring. Made entirely of brass. 75 cts. each.



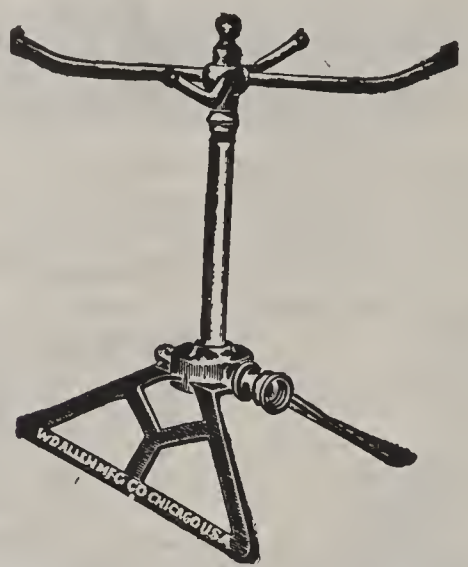
The Rain Wave. The Sprinkler consists of a water motor which rocks back and forth, carrying with it a curved arm in which are set sixteen special nozzles. These nozzles distribute the water evenly over a space from 50 to 60 feet wide and the waving motion of the motor swings it back and forth over a length of from 50 to 60 feet. So, you can depend upon from 2,500 to 3,600 square feet being covered at one setting.

The Sprinkler can be adjusted so that only one-half or one-fourth of its full area need be used at once. Oscillation can also be completely stopped and the streams directed to any desired point. This is especially valuable for border watering. $35 each.

The Peacock Sprinkler. Sprinklers are made of ¾-inch galvanized pipe, painted green, and are mounted on two-wheel trucks at one end and a swivel caster at the other. Seven clusters of eight nozzles each arranged in a pipe 12½ feet long. Covers a strip 15 by 50 feet. $15 each.

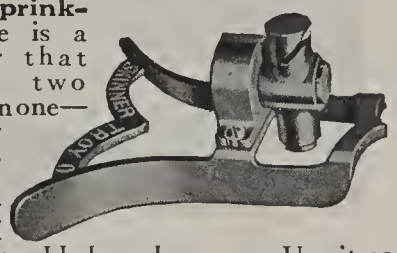
Keeps dogs, cats, and other animals away from trees, evergreens, roses, shrubbery, etc. Tube releases vapor offensive to animals, but not noticeable to humans. One large tube lasts a year. Large tube, 30 cts. each.

Water Fan. An automatic oscillating Sprinkler actuated by a small water motor. All the gears of the motor are enclosed, which protects them and provides for oil lubrication. Discharges 6½ gals. of water per minute through 17 outlet tubes. Covers an area 40 x 45 ft. The area covered can be decreased by reducing the flow of water at the service valve. $15.



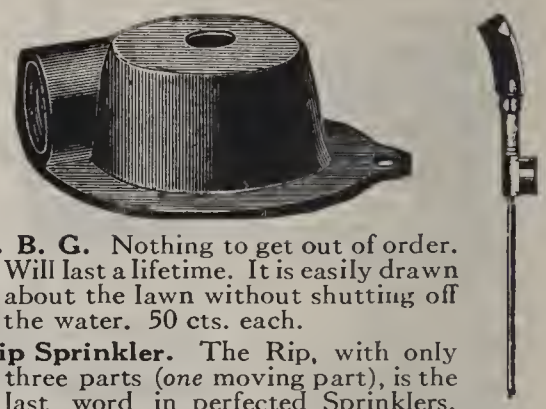
California. Made with four brass arms attached to a sled base. Can be readily drawn about the lawn, and will not upset. $2.50 each.

Tu-Way Sprinkler. Here is a Sprinkler that combines two Sprinklers in one—exactly the Sprinkler that is needed for the small lawn or for odd-shaped spaces. Use it as a circular Sprinkler and you can cover a circle 30 feet in diameter. And every portion of this circle will be watered uniformly. Then, by giving the nozzle a half turn, you have a Sprinkler that waters only half a circle—just what you have always wanted for watering the space between the sidewalk and the house, or any other narrow strip of lawn or border. $1.25 each.



Skinner System of Underground Irrigation. Heads spaced 18 feet apart in full, half, and quarter circles. Prices quoted on any length upon request. Heads, $2.50 each.

Skinner System of Overhead Irrigation. Galvanized pipe with one nozzle every 3 feet, turn motor, and all fittings. 50-ft. $40.75; 100-ft. $50.75. Comes ready to install. Steel posts, any length, 10 cts. per foot.



C. B. G. Nothing to get out of order. Will last a lifetime. It is easily drawn about the lawn without shutting off the water. 50 cts. each.

Rip Sprinkler. The Rip, with only three parts (*one* moving part), is the last word in perfected Sprinklers. Will throw as wide a spread as any Sprinkler on same pressure. Gives an even spread of water in natural rain-like spray. Does not waste water through leakage. The Rip may be choked with sand—it will clean itself out. There are no pin-holes to choke up and stop the action. $1 each.

No puddles—no dry spots, but an even, gentle rain drop that soaks into the ground and keeps the lawn evergreen. $1.75 each.

Leaf-Rack, Keystone. Can be used on any wheelbarrow with removable sides. Made of galvanized wire bolted to a wooden base. Convenient for gathering leaves, cut grass, and rubbish. Capacity 10 bus. $8.50, not including wheelbarrow.

Mulch your Evergreens and Roses with Peat Moss. *See page 118*

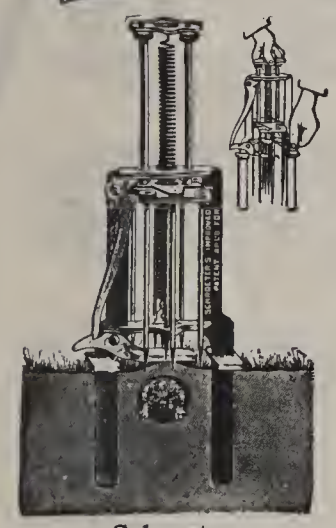
Wood Leaf-Rack and **Truck.** Excellent for gathering leaves, litter, grass, etc. Rack can be attached to a water-barrel truck.
Leaf-Rack only, no truck. $10.50 each.
Leaf-Rack and **Truck.** With 3½-inch tires. $28.50 each.

Mastica. For glazing greenhouses. One gallon will cover about 300 running feet. $2.25 per gal.

Mastica Machine. For distributing Mastica, etc. Made of heavy zinc. $3 each.

Mattock, Axe. Fitted with handle. $1.50 each

Mattock, Half or **Grub Hoes.** $1.25 each.



Schroeter

Reddick

Mole Traps, Reddick. $1.25 each.
Schroeter. It has a rest on the top for a weight, also eight sharp prongs and a strong spiral spring. $2 each.

Nails, Wall. For fastening climbing vines. 1-in., 45 cts. per doz., $2.75 per 100; 1½-in., 60 cts. per doz., $3.75 per 100; 2-in., 75 cts. per doz., $4.50 per 100.

Oil-cans, Bent Spout. No. 14. Capacity ⅓pt.; 9-in. spout, 35 cts. each. **No. 14B.** Capacity ½pt.; 9-in. spout, 50 cts. each. **No. 16.** Capacity 1 pt.; 9-in. spout, 65 cts. each.

Paper, Celery. Rolls of 500 sq. ft. Price $2 per roll.
Manilla. For wrapping. 24 x 36-in. ½ ream $2.25; ream $4.
Manilla Tissue. ½ ream $1.10; ream $2.
White Wax. 24 x 36-in. ½ ream $1.75; ream $3.
Green Wax. 24 x 36-in. ½ ream $2; ream $3.25.

CYANOGAS (*A, Dust*)
will rid your lawn of Moles.
See page 118

Mulch Paper

Increases Garden-Crop Yields; Eliminates the Work of Weeding

A new but proved method for the growing of garden crops, which eliminates practically all of the labor of weeding and cultivating. Besides checking the growth of weeds, the paper holds the moisture and warms the soil, thus stimulating the crops, causing earlier maturity and increased yields.

GATOR HIDE MULCH PAPER

Comes in two types, each in 18-inch and 36-inch rolls.

Type A, for Annuals in field culture:
18 in. wide, 300 linear yds. to the roll. $3 00
36 in. wide, 300 linear yds. to the roll. 6 00

Type B, for Perennials in field culture and *all* garden work:
18 in. wide, 150 linear yds. to the roll. 3 00
36 in. wide, 150 linear yds. to the roll. 6 00

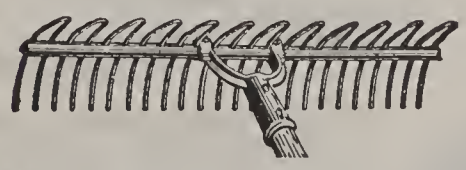
Picks. With double point. $1.50 each.

Plant Stands, Collapsible. Substantial, well-made Stands. 2-shelf, $5; 3-shelf, $6.

Pot Brackets, Steel. For 5-in. pots, 60 cts.; 6-in. pots, 70 cts.; 7-in. pots, 80 cts.

Raffia. Tough, pliable grass for tying plants. Natural color, 40 cts. per lb.; dyed green, $1 per lb.

Rakes



Reversible Steel. Suitable for lawn and garden. 24-tooth, 80 cts.; 36-tooth, $1.50.

Automatic. A backward motion of the operator clears all the teeth at once. Wood, 26-tooth, $1.60.

Hoover Lawn Rake

The spring teeth follow the natural contour of the lawn. It is used with the same sweeping motion as a broom or as a rake—cleans self easily by reversing and wiping tines on ground. Fine for clearing off flower beds in spring. Due to its flexible teeth, it will not injure the most delicate plant. $1.25 each.

Hoover Lawn Rake

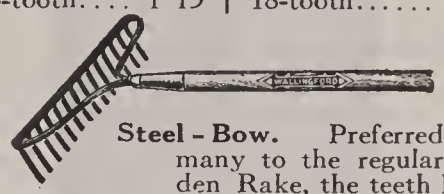
Lawncomb Rake. Frame is one-piece steel construction. Flat steel teeth. Combs the lawn of the finest particles. 20 in. $1.50.

Steel Garden. Made of best cast steel, with long teeth.

8-tooth	$0 90	14-tooth	$1 05
10-tooth	95	16-tooth	1 10
12-tooth	1 00		

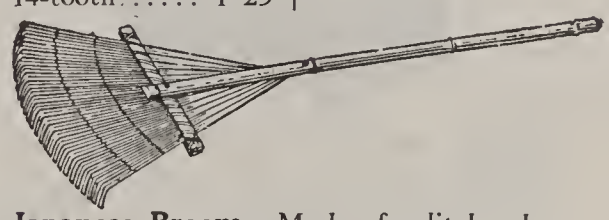
Steel Gravel.

12-tooth	$1 10	16-tooth	$1 30
14-tooth	1 15	18-tooth	1 40

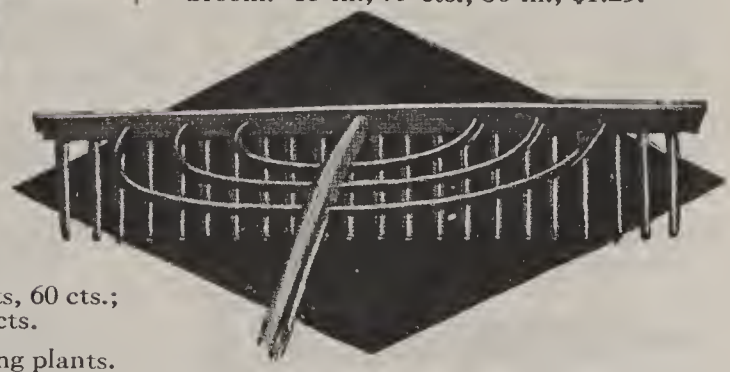


Steel-Bow. Preferred by many to the regular garden Rake, the teeth being slightly bent toward the operator.

12-tooth	$1 15	16-tooth	$1 40
14-tooth	1 25		



Japanese Broom. Made of split bamboo, rigidly secured with a suitable length handle. The finest lawn Rake on the market. Cleans the refuse from a lawn, leaving it as free as though swept with a broom. 18-in., 75 cts.; 30-in., $1.25.



Ames Wooden. 28-tooth, steel bows. $1.25 each.

Bailie Spring-Rake

Fitted with **extra-heavy spring** from handle to spacer (something new in a rake). Has 24 teeth made from flat spring wire, slotted and keyed throughout. Ideal for lawn or driveway. To clean, turn on back and draw toward you. All parts procurable. $1.75 each.

Water-Ballast Lawn Rollers

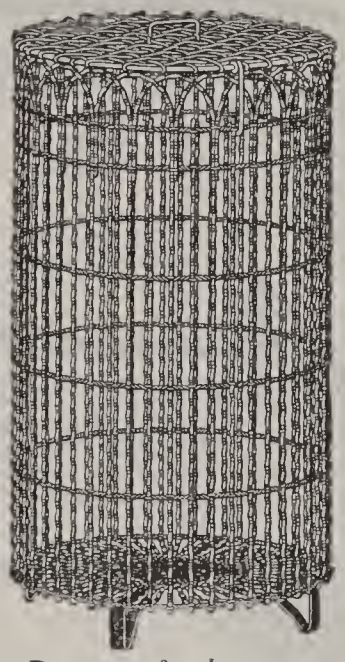
Fill it with water, which will weight it up to any number of pounds desired, as shown below. Equipped with feature for balancing handles, which always keeps the handle in position ready for use; ball axle bearings.

No.	Sections	Diam. in.	Length in.	Weight empty	Wgt. filled with water	Price
601	1	14	21	70	175	$14 00
602	1	18	24	85	265	16 00
603	1	24	24	110	420	18 00
604	1	24	32	130	565	19 00

Hand Lawn Rollers

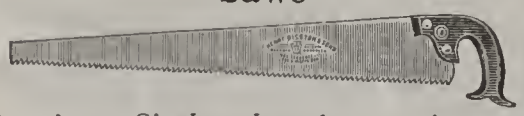
These Rollers are of neat finish, with beveled edges and a smooth surface; very strong and durable. A Roller weighing from 200 to 350 pounds can be readily handled by one man.

No.	Diam. in.	Length or width in.	No. of sections	Weight lbs.	Price
501	15	15	2	175	$20 00
502	15	22	3	250	24 00
504	20	20	2	250	26 00
507	20	24	2	300	32 00
508	20	30	3	350	38 00
509	24	20	2	400	42 00
511	24	24	3	450	46 00
512	24	30	3	500	52 00

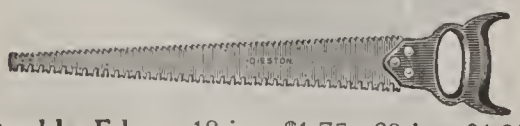


Rubbish Burners for leaves, paper, and rubbish. The best receptacle used for burning leaves, papers, and all kinds of rubbish. This handy Burner is a safeguard against many fires that have their origin in the burning of rubbish in the open. The Burner is extra strong, manufactured of galvanized steel wire, reinforced with heavy wire supports. Made to give life-long satisfaction. We supply this Burner in two sizes. No. 1, $6; No. 2, $5.50.

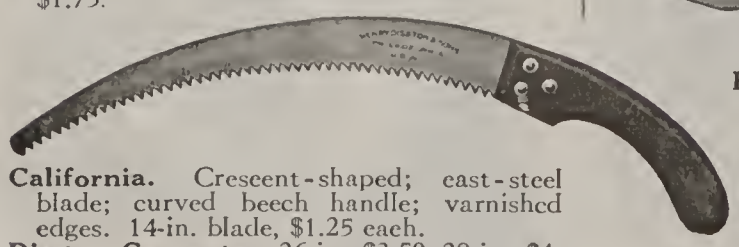
Saws



Pruning. Single edge; best spring-steel. 16-in., $1.60; 18-in., $1.70; 20-in., $1.80.



Double Edge. 18-in., $1.75; 20-in., $1.90.
Adjustable Pole. A handy tool; attaches to pole of any length. Handle made of malleable iron with socket. Can be adjusted to different angles. Price, without pole, $1.75.



California. Crescent-shaped; cast-steel blade; curved beech handle; varnished edges. 14-in. blade, $1.25 each.
Disston Carpenter. 26-in., $3.50; 28-in., $4

Saws, Buck or Wood. $1.50.
One-Man Crosscut. 3½-ft. blade, $3.75.
Two-Man Crosscut. 5-ft. blade, $5.75.

Scissors. For flower-gathering. Finest quality imported. Cuts and holds the flowers. $2.50 each.

Grape. For thinning out bunches of grapes. $1.25 each.

Screw-drivers, Perfect Handle. Made from special analysis steel, carefully tested; handles riveted on, locked in under great pressure, and waterproofed.

5-in. blade	$0 60	8-in. blade	$0 85
6-in. blade	65	10-in. blade	1 00
7-in. blade	75		

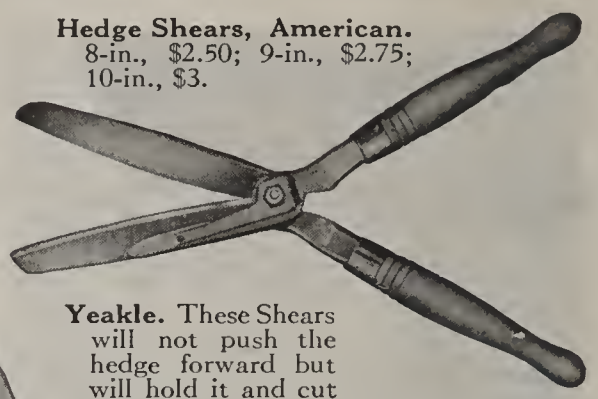
Scythe Stones, Darby Creek, 25 cts.; **Talacre, 50 cts.**
Scythe Handles. $2.

Scythes, Grass and Lawn. Imported English. Has a riveted back, broad, thin, light blade. Best Scythe for cutting grass, rye, oats, etc. 32-in., $2.75; 34-in., $3; 36-in., $3.50.
Domestic. Solid back, 32-in., $2; 34-in., $2.25.
Brush or Briar. $2.

Shears

Hedge, Finest English Steel. Solid steel blade, crucible tool-steel, tempered to hold an edge. Give good service. Shears with notch are the best for cutting heavy stems of hedge plants. With Notch, 8-in. blade, $3.50; 9-in. blade, $3.75; 10-in. blade, $4.25.

Hedge Shears, American. 8-in., $2.50; 9-in., $2.75; 10-in., $3.

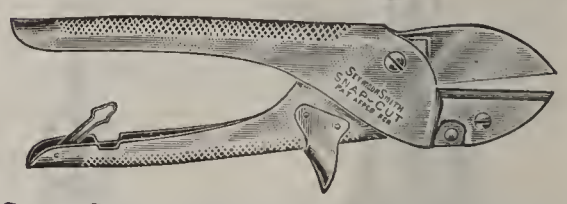


Yeakle. These Shears will not push the hedge forward but will hold it and cut it at once. They also have a tension spring to keep the blades together, consequently need little or no attention, as the spring has a tendency to keep them sharp. $5.50 each.

New Wiss. Perfectly balanced. Don't tire the arms. Stay in adjustment. Cut easily. One edge serrated and one knife edge. Forged steel handles with wood grips. Tempered steel blades. 8-in., $2.50 each; 9-in., $3 each; 10-in., $3.25 each.

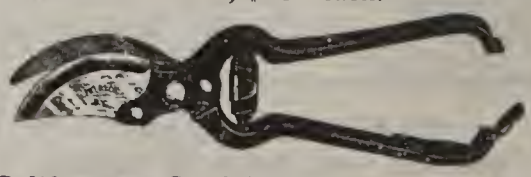
Ladies'. 6-in., $1.50.
French Hand-pruning. Made of good quality tool-steel; flat roller spring; works easily and cuts well; detachable blades; plain finish. Made in two sizes. 7-in., $2; 8-in., $2.25.

New Wiss Shears



Snap-Cut Pruner. The Snap-Cut design makes an extremely easy and fine cutting tool. It is proclaimed by fruit growers, gardeners, etc., as the finest Shear ever produced. All steel handles and special tool-steel blades. Its light weight and easy action just fits the user's hands (man or woman). A new principle in Shear design that cuts large branches, small twigs, and even string, perfectly and easily. The thin blade cutting on to the soft metal anvil with a powerful slicing action slides through a ¾-inch branch with unbelievable ease. It is fascinating to cut with it. $2 each.

Hand-pruning, Wiss. Finest quality crucible tool-steel; tempered to hold an edge; will not break. 10-in., $4; 9-in., $3.50
Wiss No. 309. 9-in., $2.50 each.
Wiss No. 68. 8-in., $1.50 each.



California. Crucible tool-steel blade; malleable handle; Japan finish. A very good Shear for grape-vines and shrubbery. $1.

SHEARS, continued

Ladies' Nickel-plated. Light, practical, handy to use on roses and shrubbery. 6-in., $1.75 each.

Ladies' Light-weight Pruning Shears. Good quality steel. 6-in., $1 each.

"Handy Andy" Pruning Shears. One of the latest and best hand pruners. Adapted to all kinds of work. $2.25 each.

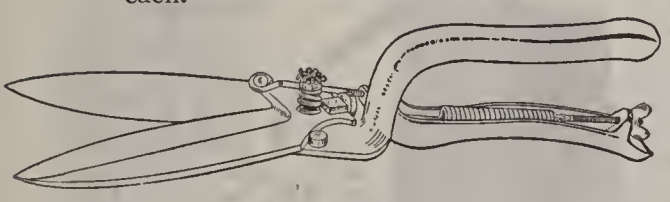
Grass, Genuine "True Vermonter." Finest quality steel. Hollow-ground blades. 5½-in., $2.50 each.

Great American. 5½-in., full polished, $1.50.

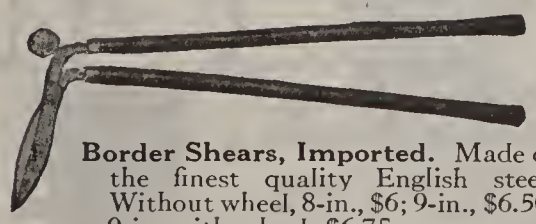
No. A2000. 5½-in., full polished, $1.25.

No. A357. 5½-in., full polished, $1.
No. A346. 5½-in., half polished, 75 cts.

Improved Grass. The blades, of tempered cutlery steel, hold their edge, and cut easily and smoothly along their whole length from the "heel" to the extreme points. The handles fit the hand comfortably and naturally. $1.25 each.

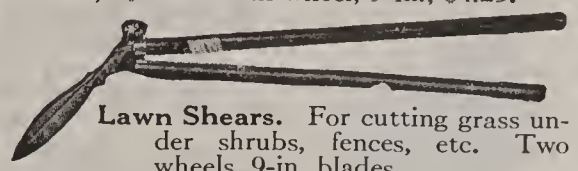


Frictionless Grass Shears. Top blade roller mounted (biggest improvement ever made), making frictionless operation and perfect alignment of cutting edges. Other features include drop forged hollow-ground blades and unbreakable coil tension spring that can be adjusted. Hand is kept clear off the ground. $1.50 each.



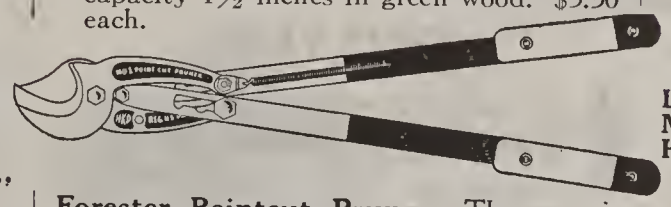
Border Shears, Imported. Made of the finest quality English steel. Without wheel, 8-in., $6; 9-in., $6.50. 9-in. with wheel, $6.75.

Border Shears, American. Without wheel, 9-in., $3.75. With wheel, 9-in., $4.25.

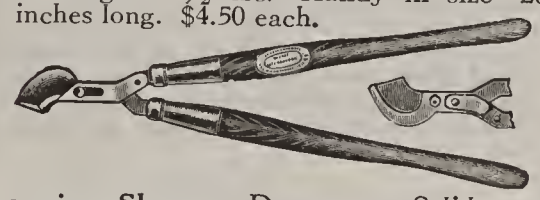


Lawn Shears. For cutting grass under shrubs, fences, etc. Two wheels, 9-in. blades.
American. $4.25 each.
English. $6.75 each.

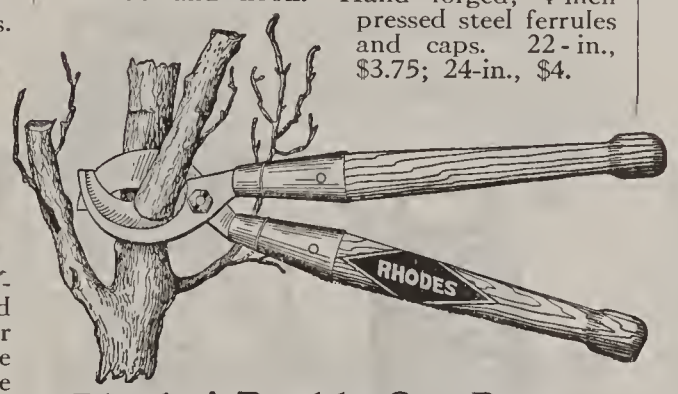
Forester Lopping Shears. Forged from the best quality steel. Patented slide-shift power slot that gives great extra power in the middle of a difficult cut by the simple shift from one notch to the next. This tool is very powerful and ruggedly built for lifetime use. It is 27 inches long and has a capacity 1½ inches in green wood. $5.50 each.



Forester Pointcut Pruner. The superiority of this tool lies in its ability to cut close and clean without the slightest damage to the bark. Both blades have sharp cutting edges. The patented slide shift gives a 50 to 100 per cent increase in cutting power. An especially rugged, long-wearing tool that will prove its greater value in its wider range of service. Light in weight—2½ lbs. Handy in size—20 inches long. $4.50 each.



Lopping Shears. Draw cut. Solid steel blade and hook. Hand forged; 4-inch pressed steel ferrules and caps. 22-in., $3.75; 24-in., $4.



Rhodes' Double-Cut Pruner

A good and powerful Pruner. Cuts from both sides of the limb, and does not bruise the bark. Long ferrules; handles do not pull out; blades are of the best forged steel. 28-in., $5 each.

Hedge Trimmer, Little Wonder. A well-designed machine which entirely revolutionizes hedge-trimming. It actually cuts a hedge as fast as you walk, and in an hour will trim the top and two sides of a hedge 300 feet long; this is from five to ten times as fast as hand-work. The cutting blades are of tough steel, holding a sharp edge for a long while and trimming every variety of hedge grown. Use it for trimming, and not for "cutting back" a hedge, and it will last for years.

30-in. cut	$25 00
40-in. cut	27 50
60-in. cut	35 00

Little Giant Tree Pruner, $2.25. With saw attachment, $3.25.

Prices are for Pruner without rope or pole.

Tree Pruners, Waters. A tool that will give entire satisfaction. 6-ft., $2.75; 8-ft., $3; 10-ft., $3.25; 12-ft., $3.50.

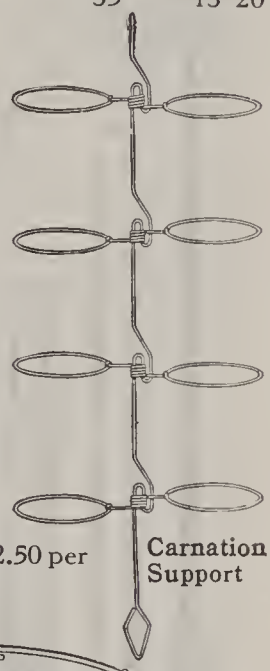
Shading Cloth. It is fine for summer use, protecting plants, etc., from the sun and at the same time allowing ventilation. Made of brown cloth.

	Yds. per piece	Price per yd.	Price per piece
Light	60	$0 17	$9 60
Medium	50	21	10 00
Heavy	40	35	13 20

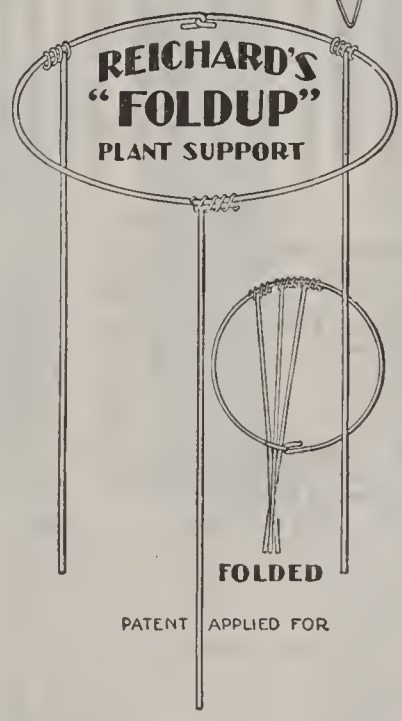
Supports

Müller's Improved Carnation. The best double Support on the market; made of Nos. 10 and 14 galvanized wire, 36 inches high, 4-ring; can be put together in less than a minute; will not fall apart. $2 per doz.; $12.50 per 100; $120 per 1,000.

Snapdragon. Made the same as Carnation Support, but 46 inches high and with larger rings. 4-ring, $2.50 per doz.; $15.50 per 100.

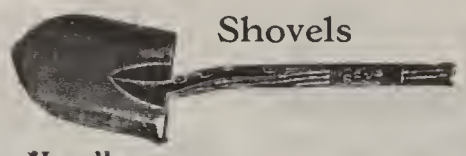


Carnation Support

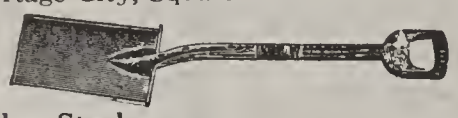


Foldup Plant Support. These Supports are made of galvanized wire. They do not rust and may be used for years. Unlike other wire Supports, these fold up and take up very little room when stored away. Tomatoes and peonies need support and will produce better fruits and flowers if it is supplied. The ring is 15 inches in diameter and the legs are 28 inches long. $3.50 per doz.; $25 per 100.

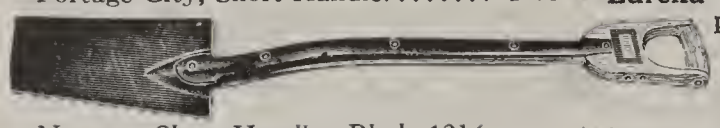
Shovels



Long Handle
Ames, Round Point.....$2 50
Portage City, Square Point..... 2 00
Short Handle
Ames, Round Point..... 2 50
Ames, Square Point..... 2 50
Portage City, Round Point..... 2 25
Portage City, Square Point..... 2 25

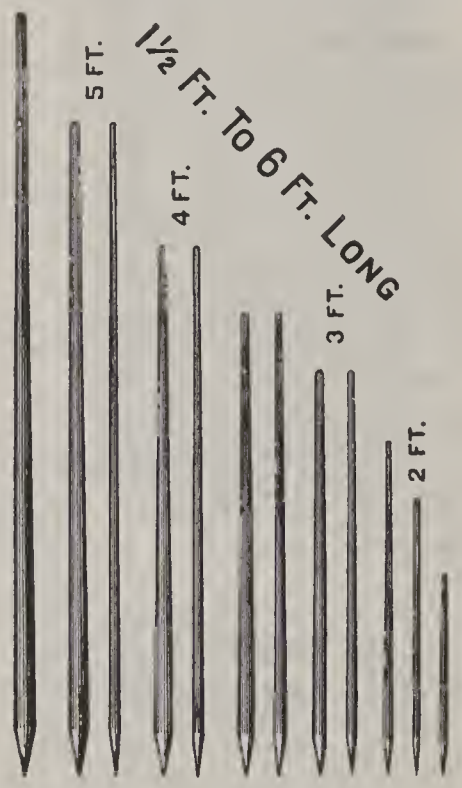


Spades, Steel
Ames, Short Handle.....$2 25
Portage City, Short Handle..... 1 75



Nursery, Short Handle. Blade 12¼ in. long, 7½ in. wide..... 2 50

Sieves. Any size mesh; galvanized wire; well made. 18-in., \$1.65; 20-in., \$1.75.



Stakes

Bamboo Garden. 4 feet, diam. ½ to ⅝-inch, \$4.25 per 100; 6 feet, diam. ⅝ to ¾-inch, \$9 per 100.

Bamboo. Dyed green.	Doz.	100	1,000
2½ feet	$0 25	$1 25	$7 00
3 feet	35	1 40	8 00
3½ feet	35	1 75	9 00
4 feet	40	2 00	10 00

Cane, Japanese. 5 to 6 feet, \$2 per 100; \$7 for 500; \$12 per 1,000.

Galvanized Wire.

No. 10 Wire, Light		100	1,000
2 feet		$1 25	$9 25
2½ feet		1 60	11 50
3 feet		2 00	13 75
3½ feet		2 25	16 50
No. 8 Wire, Heavy			
4 feet		3 25	27 50
4½ feet		3 50	32 50
5 feet		3 75	35 00
6 feet		4 75	40 00

Round, light, tapering, painted green.

	Each	Doz.	100
1½ feet	$0 04	$0 35	$2 00
2 feet	06	55	3 50
2½ feet	07	75	5 00
3 feet	10	1 00	6 50
3½ feet	11	1 15	8 25
4 feet	13	1 40	10 00
5 feet	16	1 75	12 00

Stakes, Heavy Rose or Dahlia.

Round, painted.	Each	Doz.	100
3 feet	$0 13	$1 40	$10 50
3½ feet	15	1 60	12 00
4 feet	17	1 90	14 00
5 feet	22	2 40	18 00
6 feet	27	3 00	22 00

Hyacinth. Used for staking hyacinths, tulips, and slender plants; dyed green.

	Doz.	100	1,000
1 foot	$0 07	$0 35	$2 50
1½ feet	10	45	3 50

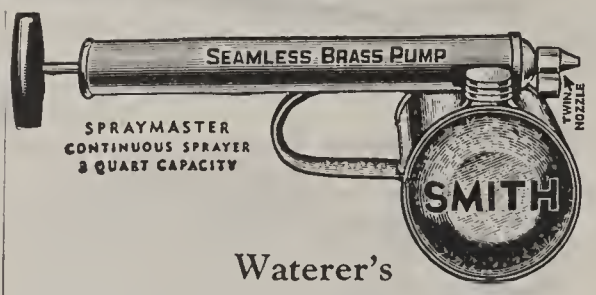
Stake Fasteners

These take the place of string entirely, lasting several seasons; used for fastening cross wires to galvanized stakes.

Everlasting Style. Heavy. \$2.25 for 500; \$4 per 1,000.

Eureka Style. Light. \$1.60 for 500; \$3 per 1,000.

SPRAYERS



Waterer's 2-quart Continuous Sprayer

A high-grade Continuous Sprayer with brass nozzle, check-valve and discharge tube, removable for cleaning. Two brass nozzles are furnished, one for spraying straight ahead and the other for spraying at any angle. Nozzles throw large, broad, long-distance, misty spray. Heavy galvanized tank. \$1.75 each.

Waterer's Banner Compressed Air Sprayer

Both the copper and galvanized Sprayers are equipped with a seamless brass pump, 2 inches in diameter, with cast-brass pump-head carefully machined, will never rust or corrode—makes a nice fit. The pump-cylinder is held fast to pump-head and does not come apart each time pump is removed from tank, still it may be quickly taken apart if desired.

4-Gallon Tank
Double Bottom—Double Strength

The shoulder-strap has snap ends for quickly removing, and is adjustable for a short or tall person.

The Automatic Nozzle is made of cast brass, carefully machined and works automatically, wastes no liquids, is oil- and chemical-resisting, and non-clogging. Throws a large, broad, fine mist, or long-distance spray as desired.

The tank is made of heavy solid brass, highly polished, or of heavy galvanized steel, double seamed and well riveted, to stand a heavy pressure. Tank has double bottom, giving double strength to withstand hard knocks when set down roughly against stones or on concrete floors. It sprays anything in liquid form.

Tank—Capacity, 4 gallons.

Hose, 2 ft. of ½-inch best grade, with coil spring to prevent breaking when not in use, and in addition a brass rod 2 feet long with angle neck to allow easy spraying underneath leaves.

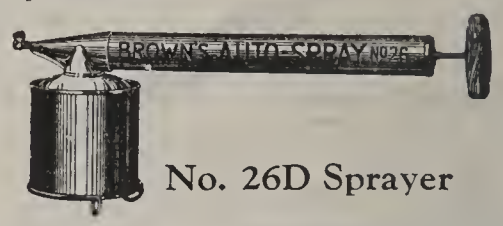
Nozzle, automatic, non-clog.

Copper Tank.....$9 50

Galvanized Tank..... 6 50

Extension Pipes. Brass, 2-foot lengths, for spraying tall shrubs and trees. 60 cts.

Copper Strainer. For straining lumpy liquids. \$1.50.



No. 26D Sprayer

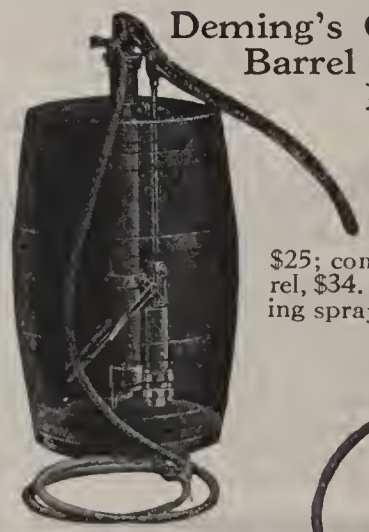
The No. 26D Sprayer is one of the finest quality Sprayers made. It is constructed with a heavy seamless brass pump cylinder, brass cone, seamless brass syphon tube, brass nozzle and solid copper container for maximum life. The combination straight and angle nozzles are attached so that they may be adjusted at any angle. Has bronze ball valve which is easily cleaned. \$1.75 each.

Auto Spray. All tin. \$1.

Hand Atomizer, made of heavy tin. Single acting and capable of throwing a fine misty spray. 1-qt., 50 cts.; 1-pt., 35 cts.

Waterer's Justrite Compressed Air Sprayer

The construction is the same as the Banner, but it is not so heavy and is of smaller capacity. This sturdy little machine holds about 2½ gallons. It is entirely suitable for spraying on a smaller scale, and is particularly recommended for use where weight is a factor, as when womenfolk or youngsters help out with the spraying. Brass tank, \$6.50; Galvanized tank, \$4.25.

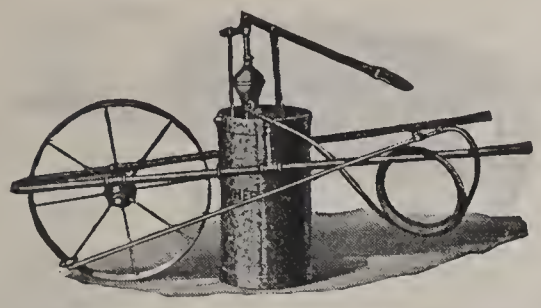


Deming's Century Barrel Spray Pump

A powerful pump, with 12½-ft. section of ½-inch hose and nozzle, \$25; complete, with barrel, \$34. Barrels for holding spray solution, \$9.

Deming's Bucket Pump, Perfect Success

With hose, nozzle and bucket fastener, \$7.50.



Deming's Wheelbarrow Sprayer

The machine for those who occasionally have to spray trees, chicken-houses, etc., and to whom it is essential that the spraying outfit be transportable. This Deming Sprayer is equipped with a 12-gallon tank, 10 feet of hose, 4-foot extension, and nozzle. With galvanized tank, $32; with brass tank, $40.

Paragon Sprayer No. 1

Capacity 6 gallons; 5-ft. Special Spray Hose; 5-ft. pipe. $15.50 each

Paragon Sprayer No. 3

Equipped with a 12-gallon tank mounted on a truck, three 2½-foot extension pipes, 2 nozzles, and 10 feet of hose. $19.75.

New Blizzard Sprayer. A copper 1-quart continuous Sprayer, equipped with two nozzles. Sprays straight ahead or at an angle, as desired. Can be used for insecticides, disinfectants, Duco, and lacquers. $1.75 each.

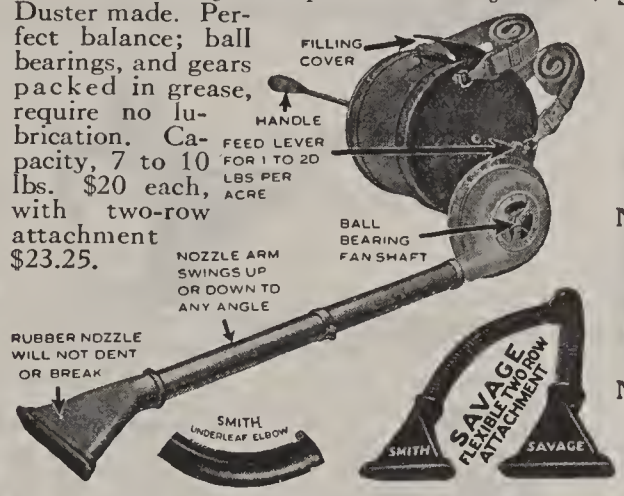
Robertson Compressed Air Sprayer. Brass pump and copper container. 1-qt. capacity. $2.25 each.

Bottle Sprayer

Bottle Sprayer. Excellent for spraying house plants. $1.50 each.

The Savage Duster

Easier to carry and operate than any hand Duster made. Perfect balance; ball bearings, and gears packed in grease, require no lubrication. Capacity, 7 to 10 lbs. $20 each, with two-row attachment $23.25.



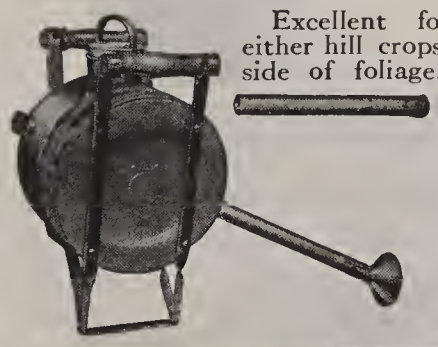
Knapsack Sprayer

One of the most easily operated Knapsack Sprayers that have ever been produced. It is adaptable to practically all conditions where a small portable Sprayer is required.

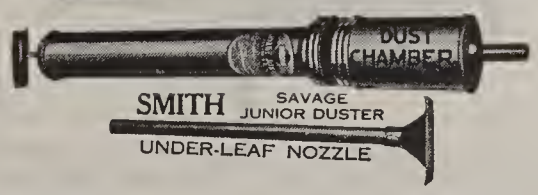
The tank, of 4-gallon capacity, is well made of highest quality sheet brass or galvanized iron and is curved to fit the back of the operator.

Equipment: Three feet of ⅜-inch hose, automatic trigger shut-off, and Eureka Spray Nozzle. Galvanized tank, $17; brass tank, $22.50.

Platz Green Hand Duster



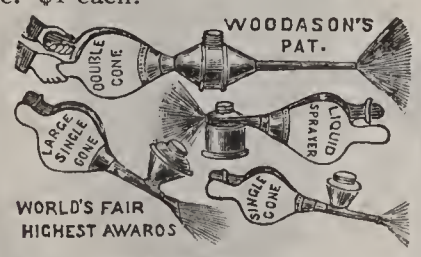
Excellent for dusting either hill crops or underside of foliage. Handles any dust that can be used in larger outfits. $7 each.



Savage Junior Powder Duster

Throws long, broad dust-blast straight ahead, and when under-leaf extension nozzle is attached, easily dusts underside of leaves on low-growing vines or at any angle.

A splendid, high-grade, well-built Duster. Dusts everything in powdered form. Built of finest material and made to stand long, hard service. $1 each.



Bellows, Woodason's Powder. Large double cone, $6.50; large single cone, $4.50; small single cone, $3.

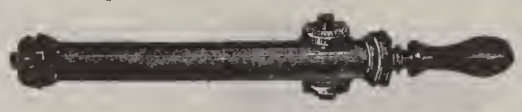
Hand Powder-Gun. For distributing dry powder. 35 cts. each.

Sprinklers, Rubber. 10-oz., straight neck, $1.20; 8-oz., crook-neck, $1.

Brass Syringes

No. A101. Size 1 x 12 inches. 1 Rose and 1 Jet. $3.75 each.

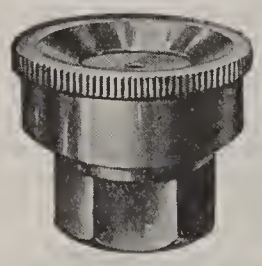
No. A103. Size 1½ x 16 inches. 1 Rose and 1 Jet. $6.50 each.



No. A110. Size 1½ x 18 inches. Fine and coarse Rose and Jet. $10 each.

Spray Nozzles

Bordeaux. A good Nozzle for whitewash and all heavy spray materials. $1 each.

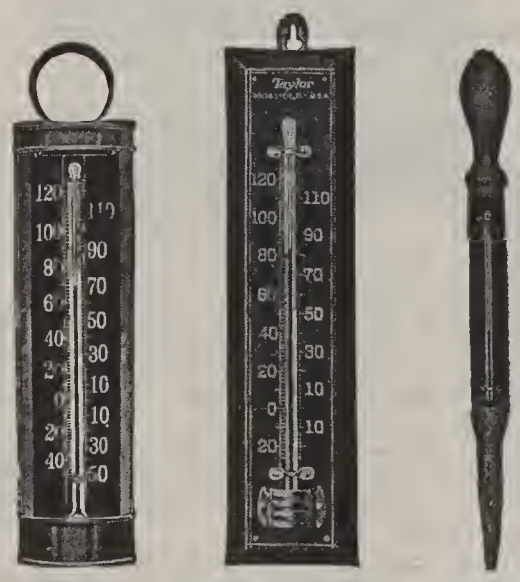


Simplex. Light, durable, compact. Adapted for high pressure. Has two steel discs; for coarse or medium-fine spray, respectively. Does not waste liquid. 90 cts. each.

Extension Pipes

Bamboo, Brass Lined. Fitted with stop-cock. 10 ft., $4.50.

Thermometers



No. 5420. Black japanned heavy tin case. For greenhouses. Black oxidized brass scale, white figures. (Spirit.) 8-in., $1.15.

No. 5400. Copper case, 10-in., $2.90. Tin case, 10-in., $2.25.

No. 5981, Hotbed. Wood frame, 16 inches, with point. Brass oxidized scale, white figures and graduations. Best grade, $2.75.

No. 5120. Distance reading. Wood back. Mission finish, brass scale, white figures and graduations. (Spirit.) 8-in., $1.75.

No. 5452, Self-Registering. Copper case, black brass scale, white figures. **Maximum** and **Minimum.** $6.25 each with Magnet.

No. 5140. Black scale with white figures and graduations. Wood backs. 8-in., 75 cts.

Asbestos Torch

Attach the Torch to the end of a pole; saturate with kerosene oil, light and hold under the caterpillars' nests, and pass quickly along the branches and around the trunk of the tree. The heat instantly destroys the insects and will in no way injure the trees. Without pole, 50 cts. each.

Trowels

The Kingsbury. All one piece of solid steel. 50 cts. each.

Johnson Steel. These have one-piece steel blade and shank, equal to the imported trowels.

5-inch	$0 70	7-inch	$0 80
6-inch	75		

Steel-Shank. Somewhat long in blade and handle, making a very practical tool. 6-inch blade, 85 cts. each.

American Garden. Light weight; very serviceable. 6-inch, 30 cts. each.

Transplanting. Narrow steel blade; excellent for setting bulbs, transplanting, or weeding. 7-inch, 30 cts. each.

Transplanting, Shank and Blade

Transplanting. Very handy for transplanting cabbage, tomatoes, etc. Solid steel shank and blade. 75 cts. each.

Twine, Jute. For tying plants and vines; soft and very strong. 2 and 3-ply, ball 15 cts.; lb. 25 cts.

Sea Island Cotton. Green. Ball 15 cts.; lb. 90 cts.

Green Silkaline. Very largely used for tying plants and stringing smilax, asparagus, etc. Spool, 35c.

Tar Twine. Ball, 30 cts.

White Cotton. Medium, ball, 40 cts.; lb. 80 cts. Heavy, ball, 40 cts.; lb. 80 cts.

Tarred Sisal. 17 cts. per lb.

Binder Twine. 22 cts. per lb.

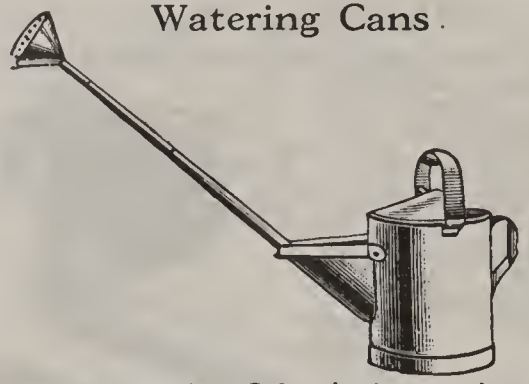
Water Barrel and Truck

The price below includes barrel and truck. The latter is constructed so that the barrel may be detached quickly and the leaf-rack attached. 3½-inch tire Truck, with barrel, $25 each.

Extra barrels with trunnions, open head, $7 each.

Truck with 3½-inch tire wheels, no rack or barrel, $18 each.

Watering Cans

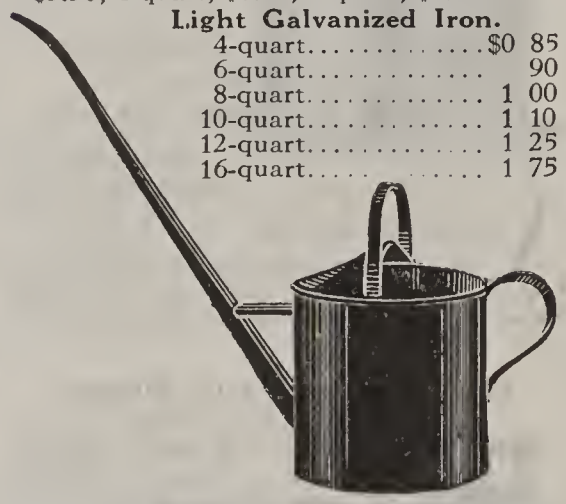


Wotherspoon's. Galvanized; extra heavy, with long spout and two roses—one coarse and one fine.

	Round	Oval
4-quart	$4 25	
6-quart	4 50	$4 75
8-quart	4 75	5 25
10-quart	5 25	5 50
12-quart	5 50	5 75
16-quart	6 00	6 75

Extra Roses or Sprays. For Wotherspoon Watering Can, either coarse or fine, 60 cts. each.

Haw's Pattern, English. *Imported.* Heavy galvanized iron, reinforced; made well and substantially. Each pot has a long spout, with one fine and one coarse rose. 3-quart, $5.50; 4-quart, $6.50; 6-quart, $7.50.



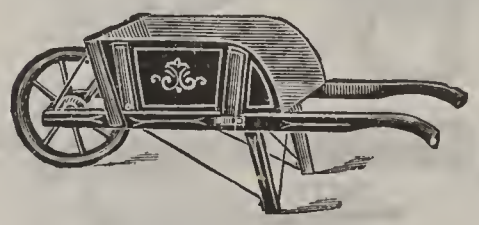
Light Galvanized Iron.

4-quart	$0 85
6-quart	90
8-quart	1 00
10-quart	1 10
12-quart	1 25
16-quart	1 75

Window. Long spout. Green, Blue, Yellow, and Maroon. 2-quart, $1.25.

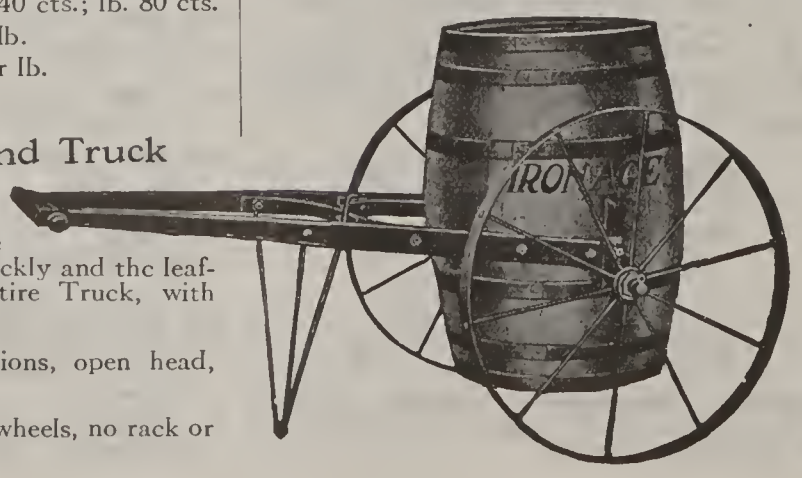
Wheelbarrows

Garden, Farm and Greenhouse



Strong, well-made. The frame is seasoned hardwood painted red. Back and legs put together by joint bolts.

No. 1. 2¾-in. tire	$9 00
No. 2. 2¾-in. tire	8 00
No. 3. 2¾-in. tire	7 50

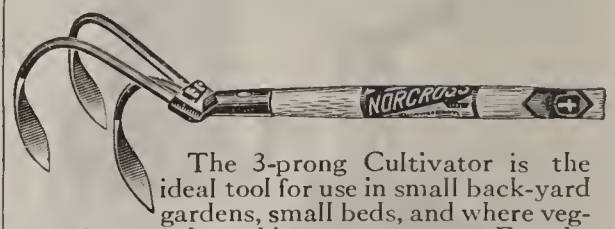


Special Greenhouse Style Wheelbarrow. Narrow body as also is the distance between the handles. $10.50 each.

Boy's. This is a very neat, well-constructed Wheelbarrow. $5.75 each.

Norcross Weeders

With the 5-prong the gardener can quickly loosen the soil and destroy all weeds. It easily cultivates to a depth of approximately 3 inches, leaving the soil untrampled and in perfect condition. The center prong is quickly and easily detachable for straddling the row if desired. $1.15 each.

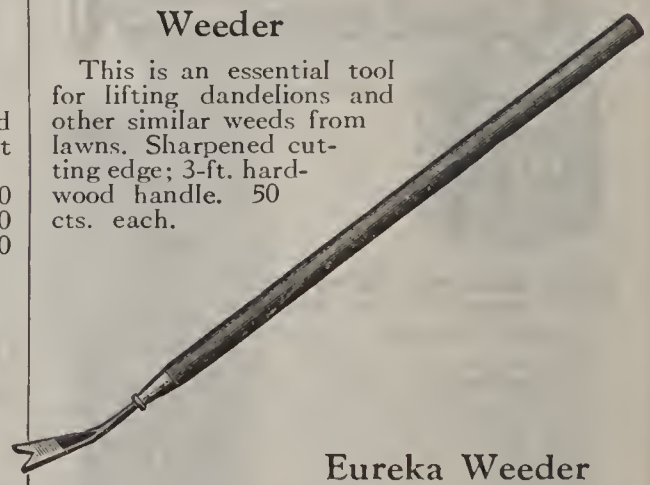


The 3-prong Cultivator is the ideal tool for use in small back-yard gardens, small beds, and where vegetables are planted in narrow rows. For the many women who tend the garden, and for all those who like a light-weight tool, the 3-prong will be found particularly satisfactory. 90 cts. each.

Midget Weeder is designed for cultivating flowers, small shrubbery, etc., where the most careful hand work is required. 55 cts.

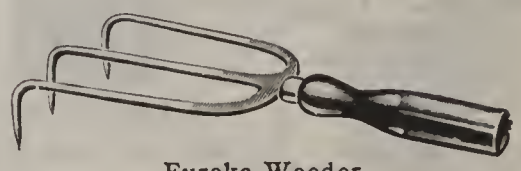
Dandelion or Lawn Weeder

This is an essential tool for lifting dandelions and other similar weeds from lawns. Sharpened cutting edge; 3-ft. hardwood handle. 50 cts. each.

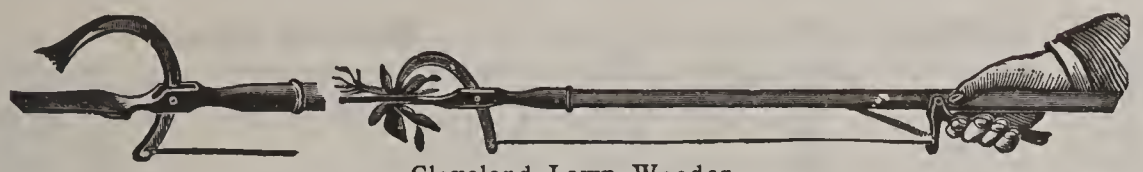


Eureka Weeder

Made of flexible steel. 50 cts. each.



Eureka Weeder

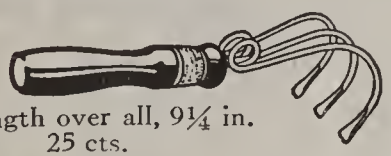


Cleveland Lawn Weeder

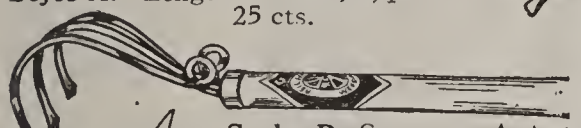
Cleveland Lawn Weeder

Removes the root bodily. Is simple to operate. The curved edge of the blade enters and loosens the soil, pressure on the lever then causes the toothed jaw to grasp the plant, and a slight pull suffices to dislodge it without disturbing the surrounding sod. $1.25 each.

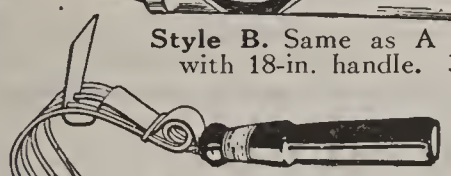
Spring-Tooth Magic Weeder Hoes



Style A. Length over all, 9¼ in. 25 cts.



Style B. Same as A but with 18-in. handle. 30c.



Style D. Weeder and Hoe combined. 50 cts.

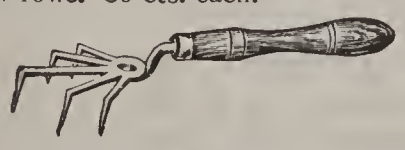
Style G. This Magic Weeder Hoe is larger and stronger than Style F, heavier steel and larger handle, and also made for the hardest possible service. This size is also provided with a movable collar for regulating the width. 4-tine, $1 each.

Style F. 75 cts.

Style H. Weeder and Hoe combined. 4½-ft. handle. Very strong. $1.25.

Hazeltine Weeder

A very handy tool for weeding between narrow rows. 30 cts. each.



Excelsior Weeder

The claw fingers are useful for loosening and pulverizing the soil. 20 cts. each.

Keep your Roses
free from Aphis. Spray with Red Arrow.
See page 118

THE "OUT-U-KUM" WEED PULLER

An Entirely New Principle

A slight Push and Pull thoroughly loosens the surrounding soil and removes not only the weed, but the entire root.

When pushed into the ground, the two points guide the BRIDGE down alongside the weed, loosening the soil from that side. It then crosses under the root disengaging the latter. As the tool is withdrawn the BRIDGE slips up the opposite side of the weed, loosening the ground from that side and engages the head of the weed above the ground. The now thoroughly loosened weed is readily withdrawn in its entirety with little or no clinging soil.

Price of the "Out-U-Kum" Weed Puller 75 cts. each

Window-Boxes

Savo Self-Watering and Subirrigating

8 inches in height and 9½ inches in width. Strongly made of galvanized steel, with neat round corners and full roll rim. The green enamel finish, both inside and out, prevents rust or leakage.

Model A. 23 in. long	$3 25
Model B. 29 in. long	3 75
Model C. 35 in. long	4 25
Model D. 41 in. long	4 75

Wire

Galvanized.

No.	Roll (12 lbs.)
16	$2 00
18	2 25
19	2 40
20	2 50
22	2 60

Cut Bouquet. 12 inches.

No. 20. Per box (12 lbs.)	$2 25
No. 22. Per box (12 lbs.)	2 50
No. 24. Per box (12 lbs.)	3 00

Wire Netting, No. 19. Galvanized, 2-inch mesh, 150 running feet per bale.

	Bale		Bale
12 in.	$1 75	42 in.	$5 00
18 in.	2 50	48 in.	5 75
24 in.	3 25	60 in.	7 00
30 in.	4 00	72 in.	8 50
36 in.	4 50		

No. 20. Galvanized, 1-inch mesh, 150 running feet per bale.

	Bale		Bale
12 in.	$3 50	42 in.	$9 75
18 in.	5 00	48 in.	10 25
24 in.	6 50	60 in.	12 00
30 in.	7 50	72 in.	15 60
36 in.	8 50		

Wire Flower-Bed Fencing. For putting around beds, lawns, etc.
16-in. Less than 165-ft. roll, 12 cts. per ft.
16-in. In 165-ft. roll lots, 10 cts. per ft.
22-in. Less than 165-ft. roll, 13 cts. per ft.
22-in. In 165-ft. roll lots, 12 cts. per ft.

Continuous Wire Trellis. Excellent for training vines of all kinds. Thoroughly galvanized and well made. Any length desired up to 165 running feet.
18 in. wide, less than 165-ft. roll, 12c. per ft.
18 in. wide, in 165-ft. roll lots, 10 cts. per ft
24 in. wide, less than 165-ft. roll, 14c. per ft.
24 in. wide, in 165-ft. roll lots, 12 cts. per ft.

Galvanized Wire Work. Any height or any width, in either trellises or arches. Made of heavy diamond-mesh wire with strong frames. It usually requires about two weeks in which to complete orders for this. 50 cts. per sq. ft. on pieces aggregating 15 sq. ft. or over; less than 15 sq. ft., 60 cts. per sq. ft.

Flower Pots, Saucers, and Plant Tubs

Cedar Tubs

Equipped with Strong Iron Drop Handles and Feet

These are made by hand, of the very best white cedar, painted green, bound with black iron hoops.

	Inside diam.	Each
No. 0	24¾ in.	$11 50
No. 1	23⅜ in.	10 50
No. 2	21⅜ in.	9 50
No. 3	18 11/16 in.	7 50
No. 4	16½ in.	6 50
No. 5	14 7/16 in.	5 75
No. 6	12 7/16 in.	5 00
No. 7	11¾ in.	4 25
No. 8	10 11/16 in.	3 75

Keystone Plant Tubs

Made of white cedar, painted green, and bound with strong electric welded wire hoops which do not rust. Handles are sold separately at 30 cts. per pair, not attached to tub.

	Inside diam.	Depth	Each
No. 5	10 in.	9 in.	$0 95
No. 6	11 in.	10 in.	1 15
No. 7	12 in.	11 in.	1 30
No. 8	13 in.	12 in.	1 75
No. 9	14 in.	13 in.	1 85
No. 10	15 in.	14 in.	2 25
No. 11	16 in.	15 in.	2 35
No. 12	17 in.	16 in.	2 75
No. 13	18 in.	17 in.	3 25
No. 14	19 in.	18 in.	4 25

Standard Earthenware Flower Pots

Full inside measurement. Six at dozen rates; 50 at 100 rates; 500 at 1,000 rates. Earthenware Flower Pots, Bulb Pans, and Saucers cannot be sent by mail, but only by express or freight, at customer's expense.

Size	Each	Doz.	100	1,000
1 in.	$0 02	$0 20	$1 35	$12 00
2 in.	03	25	1 40	12 25
2¼ in.	04	30	1 45	12 75
2½ in.	05	35	1 65	15 00
3 in.	06	40	2 15	19 50
3½ in.	06	45	2 65	24 00
4 in.	07	50	3 30	30 00
4½ in.	08	60	4 45	40 50
5 in.	10	75	5 95	54 00
5½ in.	12	1 00	7 45	67 50
6 in.	12	1 20	8 90	81 00
7 in.	20	2 00	13 50	
8 in.	25	2 75	19 50	
9 in.	35	4 00	30 00	
10 in.	50	5 50	40 50	
12 in.	1 00	11 00	82 50	
14 in.	1 50	17 50	135 00	

Square Seed Pans, Earthenware

	Each	Doz.
8 x 8 in.	$1 15	$12 00
10 x 10 in.	1 40	15 50
12 x 12 in.	1 70	18 00

Earthenware Saucers

Size	Each	Doz.	100
4 in.	$0 03	$0 35	$2 25
5 in.	04	45	3 00
6 in.	06	65	4 50
7 in.	09	95	6 75
8 in.	12	1 20	9 50
9 in.	18	1 80	12 50
10 in.	25	2 50	20 00
12 in.	40	4 00	30 00
14 in.	50	5 00	40 00

Waterproof Paper Flower Pots

	Doz.	100	1,000
2¼-in. pots	$0 12	$0 50	$5 00
2½-in. pots	15	60	5 50
3-in. pots	18	80	7 00
3½-in. pots	20	1 00	9 00
4-in. pots	25	1 30	11 00
5-in. pots	30	2 00	15 00
6-in. pots	45	2 70	18 00

Round Bulb or Lily Pans

Width	Each	Doz.	100
6 in.	$0 12	$1 20	$8 90
7 in.	20	2 00	13 50
8 in.	25	2 75	19 50
9 in.	35	4 00	30 00
10 in.	50	5 50	40 50
12 in.	1 00	11 00	82 50
14 in.	1 50	17 50	135 00

Rubber Saucers

Durable and waterproof.

Size	Each	Doz.
4 in.	$0 15	$1 65
4½ in.	20	2 25
6 in.	25	2 75
6½ in.	30	3 25
7½ in.	35	4 00
9 in.	45	5 00
10 in.	65	7 50
12 in.	80	9 25

Wood Fiber Saucers

Extremely desirable on account of being absolutely waterproof.

	Each
14 in.	$1 50
16 in.	1 75
18 in.	2 00

Cut-Flower Vases

Galvanized iron. Seams well soldered.

No.	Top Diam.	Depth	Each
65	7½ in.	8 in.	$0 65
66	9 in.	10 in.	80
67	9 in.	11½ in.	90
68	9 in.	12½ in.	1 10
69	9 in.	18 in.	1 30
70	9 in.	24 in.	1 75

Use Weed-Killer on your walks and driveways. See page 118

VEGETABLE PLANTS, ROOTS, AND HERBS

For the convenience of those who prefer to use plants, and those who have been too late to start their gardens from seed, we offer the following list of strong, sturdy plants, ready for use at about the date indicated after each kind.

THIS STOCK CANNOT BE SHIPPED OUTSIDE OF THE JAPANESE BEETLE AREA

	Doz.	100	1,000
Asparagus Roots. It requires 100 plants for a single row of 150 feet.			
Argenteuil	$0 30	$1 25	$10 00
Barr's Mammoth	30	1 25	10 00
Conover's Colossal	30	1 25	10 00
Palmetto, or Eclipse	30	1 25	10 00
Pedigreed Washington	50	1 75	15 00
Above prices are for 2-year-old roots			

	Each	Doz.	100
Cabbage, Jersey Wakefield and **Copenhagen.** Ready April 1. From hotbeds.. $6.50 per 1,000..			$1 00
Cauliflower, Snowball. Ready April 1. Pot-grown plants		$0 75	5 00
Celery, Giant Pascal, Self-Blanching, White Plume, and **Winter Queen.** Ready July...$6 per 1,000..			75
Chives. Ready April 15	$0 15	1 50	10 00
Eggplant, Black Beauty. Ready May 15...		1 00	8 00
Hop-Vines, Japanese. Ready early May...	25	2 50	15 00

	Each	Doz.	100
Horse-Radish Roots, Maliner Kren. Ready in March...$10 per 1,000..		$0 35	$1 50
Lettuce. Ready April 1...$6 per 1,000..			75
Mint. Ready April 15.			
Peppermint. Pot-grown plants	$0 20	1 50	12 00
Spearmint. Pot-grown plants	20	1 50	12 00
Parsley. Ready April 1. Pot-grown plants...		1 00	8 00
Pepper, Ruby King. Ready May 15. Pot-grown plants		1 00	8 00
Rhubarb Roots, Victoria. Ready April 1...		1 50	10 00
Rosemary. Pot-grown plants	25	2 50	
Sage, Holt's Mammoth. Ready April 15 .	20	2 00	
Sweet Potato, Red and **Yellow Nansemond.** Ready June 1...$6 per 1,000..			1 00
Tarragon. Ready April 15. Pot-grown plants		3 00	20 00
Thyme. Ready April 15. Broad-leaved English pot-grown plants		2 00	
Tomato, Earliana, Bonny Best, Ponderosa, and **Stone.** Pot-grown plants...		75	5 00

Fertilizers for the Farm, Lawn, Garden, and Greenhouse

Prices on Fertilizers subject to change without notice

Adco. The addition of Adco to vegetable refuse, grass clippings, leaves, cornstalks, etc., will produce a clean, odorless manure. 25 lbs. $2; 150 lbs. $10.50.

Aluminum Sulphate. For souring the soil where one desires to grow Rhododendrons, Azaleas, and other plants requiring an acid soil. 5 lbs. 50 cts.; 10 lbs. 75 cts.; 25 lbs. $1.25; 100 lbs. $4.

Ashes, Hardwood. Apply 1,000 pounds per acre. Indispensable for all crops requiring potash; excellent for mixing with potting soil. For top dressing lawns and grass fields it is applied to best advantage either in early spring or late fall. 25 lbs. $1; 50 lbs. $1.75; 100 lbs. $3; 200-lb. bbl. $5; 1,000 lbs. $22.50; ton $40.

Blood, Dried. For indoor culture of flowering plants, like roses, carnations, etc., its chief element being nitrogen. One of the quickest acting fertilizers. 5 lbs. 60 cts.; 10 lbs. $1; 25 lbs. $2; 50 lbs. $3.50; 100 lbs. $6; 200 lbs. $10.

Bone Flour. Ground perfectly fine. An excellent fertilizer for pot-plants or beds where an immediate effect is wanted. 5 lbs. 50 cts.; 10 lbs. 85 cts.; 25 lbs. $1.50; 50 lbs. $2.25; 100 lbs. $4; 200 lbs. $7; 1,000 lbs. $32.

Bone-Meal. We recommend this especially for lawns, gardens, and greenhouses, or any purpose where a high-class fertilizer counts. Apply 800 to 1,000 pounds per acre. 3 lbs. 25 cts.; 5 lbs. 35 cts.; 10 lbs. 60 cts.; 25 lbs. $1.25; 50 lbs. $2.25; 100 lbs. $3.75; 200 lbs. $7; ½ton $32.50; ton $55.

Bone, Baugh's Coarse-ground. 200-lb. bags only. 200 lbs. $7.50; ½ton $35; ton $65.

Bone. (¼-in. cracked.) A lasting fertilizer for trees, shrubs, etc. 200-lb. bags only. 200-lb. bags $12.50; ½ton $57.50; ton $110.

Bovung. A clean, odorless, dried cow-manure. It is well pulverized and absolutely free of live weed seeds. 10 lbs. 60 cts.; 25 lbs. $1; 50 lbs. $1.50; 100 lbs. $2.75; 500 lbs. $12.50; 1,000 lbs. $23.50; ton $42.50.

Carnation Food (Springfield). Invigorates root action, strengthens stem and calyx, intensifies the color, adds lasting qualities to the blooms, and insures a larger and more perfect crop. 25 lbs. $2.50; 50 lbs. $4.50; 100 lbs. $8.

Cattle or Cow Manure, Shredded. For garden, lawn, and greenhouse, and especially good to mix with compost. 5 lbs. 45 cts.; 10 lbs. 70 cts.; 25 lbs. $1.40; 50 lbs. $2; 100 lbs. $3.25; 500 lbs. $16; 1,000 lbs. $30; ton $55.

Chrysanthemum Manure (Thomson's Special). Entirely soluble and very powerful. Especially suitable for top dressing chrysanthemums and similar plants. To be used as an additional stimulant during the growing season. 28-lb. bag $4; 56-lb. bag $7.

Clay's Fertilizer. An English chemical fertilizer for forcing greenhouse plants and vegetables. It can be used in either dry or liquid form. 28-lb. bag $3.75; 56-lb. bag $6.25; 112-lb. bag $12.

Hyper-Humus, Prepared. An excellent article to incorporate with poor soil in the garden, greenhouse, or in potting plants. When used in garden work, the ground should be covered with ½ to 2 inches of Humus and spaded in. 5 lbs. 30 cts.; 10 lbs. 50 cts.; 25 lbs. 75 cts.; 100 lbs. $2; 500 lbs. $9.50; 1,000 lbs. $15; ton $25.

FERTILIZERS FOR THE FARM, LAWN, GARDEN, AND GREENHOUSE, continued

Horn Shavings. Used principally for mixing in potting soil; is rich in ammonia; especially valuable in chrysanthemum growing. 5 lbs. 65 cts.; 10 lbs. $1.10; 25 lbs. $2; 50 lbs. $3.75; 100 lbs. $7.

Land Plaster. Apply about 1,000 to 1,500 pounds per acre for a top dressing on sour and worn-out soils, also for mixing with Paris green. 100 lbs. $2; 200 lbs. $3.75; ½ton $16; ton $30.

Lime, Hydrated or **Powdered.** Promotes growth and gives the grass a rich color. Apply 1 ton per acre on fields or ½ton on lawns. 10 lbs. 35 cts.; 100-lb. sack $1.40; 500 lbs. $6.75; 1,000 lbs. $13; ton $22.50.

Muriate of Potash. 50% *Actual Potash.* The most economical form of Potash and the most generally used in farm practice. Apply 100 to 500 pounds per acre, usually with other fertilizers. 5 lbs. 35 cts.; 10 lbs. 60 cts.; 25 lbs. $1.25; 50 lbs. $2.25; 100 lbs. $4; 200 lbs. $7.50.

Nitrate of Soda. Apply 200 to 300 pounds per acre, mixing with land plaster or other fertilizers to render application more easy. Use only after plants are above ground. If used in liquid form, dilute 2 ounces to 1 gallon of water and do not apply oftener than twice a week. Lb. 15 cts.; 5 lbs. 45 cts.; 10 lbs. 85 cts.; 25 lbs. $1.25; 50 lbs. $2; 100 lbs. $3.50.

Phosphate. (16% Acid Phosphate.) Apply 1,000 lbs. per acre. 5 lbs. 35 cts.; 10 lbs. 60 cts.; 25 lbs. $1; 200 lbs. $3.50; ½ton $13; ton $24.

Plantabbs. An odorless plant-food for all house plants. Pkg. (30 tablets) 25 cts.; 75 tablets 50 cts.; 200 tablets $1; 1,000 tablets $3.50.

Sacco. The finest of fertilizers—a combined soil-rectifier and growth-producer for use on Lawns, Gardens, Shrubs, Flowers, Trees, Potted Plants, and Vegetables. It is a well-balanced preparation containing all the feeding elements essential to the perfect growth and development of all plants. Lb. 15 cts.; 5 lbs. 40 cts.; 10 lbs. 70 cts.; 25 lbs. $1.40; 50 lbs. $2.35; 100 lbs. $3.95; ½ton $37.50; ton $72.50.

Salt. Used as a top dressing for asparagus beds. Should be applied early in the spring at the rate of 800 to 1,000 pounds per acre. 100 lbs. $2; 200 lbs. $3.50; ½ton $16; ton $30.

Sheep Manure. Apply 1,000 pounds per acre. One of the most extensively used of animal manures. The analysis shows it to be a perfectly balanced plant-food. For garden, lawn, or greenhouse use, nothing surpasses sheep manure. It is clean and easily handled, besides giving immediate results. 2 lbs. 25 cts.; 5 lbs. 40 cts.; 10 lbs. 65 cts.; 25 lbs. $1; 50 lbs. $1.75; 100 lbs. $3; 500 lbs. $14; 1,000 lbs. $26.50; ton $50.

Smith's Mum Manure. An excellent food for chrysanthemums and other flowers, either under glass or in the garden. 50 lbs. $2.75; 100 lbs. $5.

Soot, Imported Scotch. This is used principally for bringing a good healthy color into the foliage of chrysanthemums and other greenhouse plants. Also destroys insects and grubs that work on top of or underneath the surface. 5 lbs. 60 cts.; 10 lbs. $1; 25 lbs. $1.50; 112 lbs. $5.

Springfield Rose Food. An organic fertilizer containing the vital elements of plant life in scientifically correct proportions to make it an ideal food for roses. Will keep your bushes in splendid condition and produce an abundant crop of perfect blooms. 10 lbs. $1.25; 25 lbs. $2.50; 100 lbs. $8.

Steriloam. Assures 100 per cent seed-germination. Fertile seeds cannot be expected to develop in soil filled with fungus and parasitic bacteria, etc. If you want your seeds to develop into healthy, hardy plants, use Steriloam. 10 lbs. $1.25; 25 lbs. $2; 50 lbs. $3.50; 100 lbs. $6.

Stimugerm. A pure culture of nitrogen-fixing bacteria selected for maximum vitality and ability to deposit soluble nitrates in the soil. Special garden size for garden beans, peas and sweet peas, 25 cts. We supply Stimugerm for alfalfa and all clovers. Prices: ½-bus. size 35 cts.; 1-bus. 65 cts.; 2½-bus. $1.40. Also for vetches, peanuts, sweet peas and every variety of field and garden peas and beans. 1-bus. size 35 cts.; 2-bus. 65 cts.; 5-bus. $1.40. State what crop it is wanted for when ordering.

Stim-U-planT. A plant-food in tablet form; contains highly concentrated, immediately available forms of plant-food for use in stimulating all fruit, flower, vegetable, and ornamental plants, and may be used in tablet or in liquid form. Pkg. (30 tablets) 25 cts.; 100 tablets 75 cts.; 1,000 tablets $3.50.

Sulphate of Ammonia. A nitrogenous fertilizer for the lawn, home-garden, shrubs, and house plants. Unequaled as the spring application for stimulating early, vigorous plant-growth. 10 lbs. will fertilize a lawn 50 x 50 ft. 2 lbs. 25 cts.; 5 lbs. 50 cts.; 10 lbs. 85 cts.; 50 lbs. $2; 100 lbs. $3.50.

Tobacco-Tex. A tobacco base fertilizer. Does not have an ounce of waste. It is a humus, a plant-food, and an insecticide combined. It produces stronger stems and richer foliage and protects the plant while growing. 100 lbs. $3.75; 200 lbs. $7.25; 500 lbs. $17.

Tankage. This is usually applied to plants, such as roses, etc., under glass. 100 lbs. $3.75; 200 lbs. $6.75.

Thomson's Special Flower, Vegetable, and Vine Manure. Imported from England, this excellent chemical fertilizer is a reliable food and stimulant for every fruit-bearing plant, also foliage and flowering plants and vegetables of all descriptions. So compounded as to combine stimulating with lasting effects. 28-lb. bag $3.75; 56 lbs. $6.25; 112 lbs. $12.

Tobacco Stems. For fumigating, mulching, and fertilizing; an excellent top dressing for lawns in winter. In bales, 2 cts. per lb.; ½ton $15; ton $27.50.

Truckers' Favorite. A high-grade fertilizer for vegetables. 200 lbs. $6.50; ½ton $30; ton $55.

Vigoro. A scientifically balanced food-ration furnishing all plant-life with proper nourishment for maximum growth and beauty. It is clean, odorless, free from weed seed, and easy to apply. 5 lbs. 45 cts.; 25 lbs. $1.50; 50 lbs. $2.50; 100 lbs. $4.

Wedo. Here is an ideally balanced fertilizer made especially to rid your lawn of weeds. Lawns will grow luxuriantly and weeds will gradually disappear. Wedo is formulated after recommendations of leading experiment stations and soil authorities. It contains the recommended amounts of nitrogen, phosphates, and potash most suitable to lawn grasses. 10 lbs. 80 cts.; 25 lbs. $1.65; 100 lbs. $4.75.

Insecticides, Etc.

Prices subject to change without notice. Directions for using any of the following will be found on each package

Ansul Colloidal Sulphur. A general fungicide and contact insecticide for flowers, fruits, vegetables, shrubs, and trees. Will eliminate red spider and scale. ½-lb. tubes 90 cts.; 3-lb. bottle $2.

Ansul Formaldehyde Dust. A soil- and seed-treating compound to prevent damping off of seedlings. 1-lb. can 75 cts.; 5-lb. can $2.

Ant Killer. An effective exterminator of ants. One-half teaspoonful is required for each ant-hill. ¼lb. 35 cts.; ½lb. 60 cts.; lb. $1.

Antrol. The Antrol system is adapted to any size house or garden and quickly destroys all species of sweet-eating ants. It is composed of small glass containers and a special formula of syrup. Antrol Sets containing 4 containers and 4-oz. bottle of syrup, 75 cts.; Antrol extra containers (each), 10 cts.; Antrol Syrup, 4-oz. bottles, 35 cts.; pts. 85 cts.; gals. $3.50.

Aphine. The recognized standard insecticide. Not a cure-all, but a specific remedy for all sap-sucking insects infesting plant-life, such as green, black, or white fly, thrips, red spider, mealy bug, and soft scales. Pt. 70 cts.; qt. $1.15; gal. $3.25.

Arsenate of Lead. (Powdered.) One to 1½ pounds dilutes to 50 gallons of water, or may be used dry, like Paris Green. Lb. 45 cts.; 5 lbs. $1.50; 10 lbs. $2.50; 25 lbs. $5; 50 lbs. $9.50; 100 lbs. $16.

Black Arrow Insect Dust. Adapted for use against many insects infesting flowers, vegetables, shrubbery, poultry-houses, kennels, and dairy barns. Non-poisonous. Lb. 50 cts.; 5 lbs. $2.50; 10 lbs. $4.50.

Black-Leaf 40. A concentrated solution of nicotine for spraying. 1-oz. bottle 35 cts.; 5 ozs. $1; lb. $2.25; 2 lbs. $3.25; 5 lbs. $5.85; 10 lbs. $9.85.

Bordo-Lead (Bordeaux and Arsenate of Lead). (Powder.) A combined fungicide and insecticide for fruit trees, potatoes, melons, cucumbers, etc.; also for mildew, black-spot, etc., on roses. Lb. 45 cts.; 5 lbs. $2; 10 lbs. $3.50.

Bordeaux Mixture. (Dry.) For dusting plants affected with mildew and all fungous diseases. Can be used as a spray. 1-lb. box 35 cts. (makes 5 gallons spray); 5 lbs. $1.40.

Bug Death. Used instead of Paris Green for eating insects on potatoes, cucumbers, squash and currants, etc. Lb. 25 cts.; 5 lbs. $1; 12½ lbs. $2.25.

Calcium Casenate. Used as a spreader to mix with other insecticides. Lb. 30 cts.; 5 lbs. $1.25.

Coated Lead Arsenate. A wonderful invention perfected in the fight againt the Japanese beetle. Sticks to fruit and foliage indefinitely and is so palatable to the beetle that the result is a high percentage of killing. Lb. 50 cts.; 2½ lbs. $1.10; 10 lbs. $3; 25 lbs. $6.50; 100 lbs. $18.

Copper Solution. (Liquid.) For fungus, mildew, leaf-blight, rust, and black-rot. Qt. $1.50; gal. $3.75.

C. P. O. A liquid insecticidal soap-spreader that increases the efficiency of contact spray solution. Will control many insects on evergreens, flowering plants, fruits, and vegetables. 3 ozs. 25 cts.; pt. 65 cts.; qt. $1; gal. $2.50.

Crow Repellent. Protects corn from rot, also birds and animal pests, such as gophers, squirrels, etc. Does not hinder germination. Large can (enough for 2 bus. seed corn) $1; small can (enough for 1 bus.) 60 cts.

INSECTICIDES, ETC., continued

Cyanogas. (G, Fumigant.) Cyanogas is easy to use. The granules are simply scattered on the walks and the greenhouse closed for the night. 5 lbs. $3.

Cyanogas. (A, Dust.) For outside use in killing rats, moles, woodchucks, gophers, and ground squirrels. Lb. 75 cts.; 5 lbs. $3.

D. & P. Insecticide. An effective, economical spray for outdoor and under-glass use. It is very safe to use and will not discolor or damage the most tender foliage. Gal. $3; 5 gals. $12.

Dutox. A non-arsenical insecticide highly recommended for control of Mexican beetle and other leaf-eating insects. May be either sprayed or dusted. 6 lbs. $1.35.

Ever Green. Kills most plant pests, including even cutworms. Use it freely on tender plants and flowers—it can't burn or otherwise injure them. A 1-ounce bottle makes 6 gallons of effective spray. Oz. 35 cts.; 6 ozs. $1; lb. $2; gal. $11.

Ferogen. A valuable plant-food. Reinforces manure fertilizers. Supplies essential chemical elements to the soil. 1-lb. tin 75 cts.; 2-lb. tin $1.25; 5-lb. tin $2.75; 10-lb. tin $4.75; 25-lb. drums $11; 100-lb. drums $40.

Fish-Oil Soap. An excellent summer spray, when something stronger cannot be used, where San José scale exists. Lb. 25 cts.; 5 lbs. $1; 10 lbs. $1.75; 25 lbs. $3.25; 100 lbs. $10.50.

Fish-Oil Soap (Good's Caustic Soft Soap). 2 lbs. 50 cts.; 5 lbs. $1.10; 25 lbs. $3.75.

Fungtrogen. Controls mildew, black-spot and many fungous diseases of roses and other plants. A highly concentrated fungicide invisible on the foliage or blooms. ½pt. 75 cts.; pt. $1.25; qt. $2; ½gal. $3.50; gal. $6.

Grape Dust. For the prevention of mildew on roses, grapes, gooseberries, etc. 5-lb. pkg. $1; 10 lbs. $1.85.

Hellebore. For destroying slugs, worms, caterpillars, etc. ½lb. 30 cts.; lb. 50 cts.; 5 lbs. $2.25.

Insectrogen. For leaf-chewing insects—caterpillars, slug-worms, Japanese beetles, etc., and blights. A powerful fertilizer, too. Use alternately with Fungtrogen. Both carry their own spreader. ½pt. (sample) $1; pt. $1.75; qt. $2.75; ½gal. $4.50; gal. $8.

Japtox. Kills and repels Japanese beetles. Sticks longer than ordinary sprays. Lb. 50 cts.; 2 lbs. 85 cts.; 8 lbs. $3; 25 lbs. $6.50; 100 lbs. $18.

K. R. O. (Kills Rats Only). Made from squills. It is not a poison and may be used with entire safety about the home, barn, or poultry-house. Harmless to human beings, pets, or live-stock. 2-oz. pkg. 75 cts.

Lemon Oil Co.'s Standard Insecticide. Destroys mealy bugs, scale, thrips, red spider, black and green fly, etc. ½pt. 30 cts.; pt. 50 cts.; qt. 85 cts.; ½gal. $1.50; gal. $2.50; 5 gals. $10.

Lethane 420. Kills mealy bug, red spider, chrysanthemum midge, aphis, white fly, leaf-miners, etc. Does not burn or injure foliage; will not harm man or animals. Qt. $6; ½gal. $11; gal. $20.

Lime-Sulphur. For scale insects on trees and shrubs, and such fungous diseases as can be treated in winter or early spring. Qt. 40 cts.; ½gal. 75 cts.; gal. $1; 5 gals. $3.75; ½bbl. (30 gals.) $10; 50-gal. bbl. $13.

Lime-Sulphur. (Dry Powder Form.) Lb. 35 cts.; 5 lbs. $1.40; 10 lbs. $2.25; 25 lbs. $4.25; 50 lbs. $7.75; 100 lbs. $14.

Mag-O-Tite. Protects crops against the ravages of the root maggot and other garden pests; also eradicates earthworms from lawns and putting greens. Not injurious in any way to plant life. 1-lb. tin 50 cts.; 5-lb. tin $1.50; 25-lb. tin $5.

Mexogen. A preparation to kill and repel the Mexican bean beetle including the adult, larvæ, and eggs. Non-poisonous when directions are followed. ½pt. 75 cts.; qt. $2; gal. $6.

Mologen. For eliminating moles from lawns. Non-poisonous to humans or pets when directions are followed. ½lb. can 50 cts.

Nico-Fume. (Liquid.) For use as a spray or vapor, for controlling green fly, aphis, etc., in greenhouses and outdoors. Lb. $2.25; 4 lbs. $6.25; 8 lbs. $11.

Nico-Fume Paper. For fumigating greenhouses; gives off dense fumes charged with nicotine. Box (24 sheets) $1.50; 144 sheets $4.75; 288 sheets $8.50.

Nico-Fume Tobacco Powder. A tobacco powder highly charged with nicotine; splendid for fumigating greenhouses. Lb. can $1.15; 5 lbs. $3.50; 10 lbs. $6.25.

Nikoteen (30%). ½lb. bottle $1.25; lb. $2; 4 lbs. $6.50; 8 lbs. $11.50.

Para-Dichlorobenzine. For peach-tree borers. Lb. can 50 cts.; 5-lb. can $2.25; 10-lb. can $4.

Paris Green. ¼lb. 15c.; ½lb. 30c.; lb. 55c.; 5 lbs. $2.50; 14 lbs. $5.

Pyrox. The one best and safest all-round spray which kills all leaf-eating insects and prevents blights and all fungous troubles, without injury. Lb. 50 cts.; 5 lbs. $1.75; 10 lbs. $3; 25 lbs. $6.25; 50 lbs. $8; 100 lbs. $13; 300 lbs. $35.

Pomo-Green. A combination fungicide and insecticide. It serves as a quick-acting poison for leaf-eating insects and controls mildew, black-spot, and other fungi affecting roses. Lb. 50 cts.; 5 lbs. $1.75.

Pomo-Green with Nicotine. May be used as a dust or spray. Kills leaf-eating insects, aphis, and controls fungous diseases. Lb. 75 cts.; 5 lbs. $3.

Pyrote. Pyrethrum-Rotenone insect spray. Kills aphis and all sucking and chewing insects. Non-poisonous. Oz. 35 cts.; 6 ozs. $1; pt. $2; qt. $3.50; gal. $12.

Red Arrow Insect Spray. Will not injure or discolor plant tissues. Fatal to both chewing and sucking insects, including aphis (plant-lice), leaf-hoppers, cutworms, beetles, cabbage worms, thrips, Mexican bean beetles, and most other plant insects. Oz. 35 cts.; 4 ozs. $1; pt. $2.50; qt. $4; gal. $12.

Red "A" Soap. A constantly liquid neutral Potash Cocoanut-Oil Soap—40 per cent Soap. Increases efficiency of contact insecticides other than arsenicals. ½pt. 35 cts.; pt. 60 cts.; qt. $1; gal. $3; 5 gals. $13.

Rotenone Dust. For flowers, vegetables, and greenhouse plants. Non-poisonous—effectively controls insects attacking vegetable plants. Standardized at ¾ per cent. Rotenone Content. Lb. 50 cts.; 5 lbs. $2.25.

Scalecide. Used for the destruction of San José scale. Spray during the winter or early spring when the trees are dormant. Qt. 60 cts.; gal. $1.50; 5 gals. $5.25; 10 gals. $9.50; 30 gals. $24; 50 gals. $32.

Semesan. Prevents and controls fungous diseases, quickens seed-germination, invigorates seedling growth, produces sturdier plants, increases crop-yield. Seedlings grown from Semesan-treated seeds are more resistant to the costly "damping-off" fungi which so severely attack both seedlings and cuttings. 2-oz. can 50 cts.; 1-lb. can $2.50; 5-lb. can $11.75; 25-lb. can $46.25.

Slug Shot, Hammond's. One of the cheapest and best powders for destroying insects. 1-lb. canister 25 cts.; 5 lbs. 75 cts.; 10 lbs. $1.50; 25 lbs. $3.50.

Snarol. For control of cutworms, snails, slugs, etc. Non-injurious to vegetation and very economical to use because of its insolubility in water, thereby rendering it effective for one to three weeks. 1½ lbs. 35 cts.; 4 lbs. 85 cts.; 15 lbs. $3; 50 lbs. $8.

Sulfocide. An efficient summer spray for the control of scab and black-rot on fruit trees. Excellent for mildew and black-rot of roses and for similar fungous troubles of other plants. For general use, dilute one gallon to 200 gallons of water. 1-qt. can 90 cts.; 1-gal. can $2.50.

Sulphur, Powdered. For mildew. Lb. 15 cts.; 3 lbs. 35 cts.; 10 lbs. 85 cts.; 25 lbs. $2; 100 lbs. $7.50.

Sunoco Spray Oil. For the control of aphis, psylla, red spider, scale, etc. Gal. $1.25; 5 gals. $5.

Thrip Juice, Hammond's. This preparation is very effective against aphis, red spider, mealy bugs, and sucking insects generally. Pt. 80 cts.; qt. $1.25.

Tobacco Dust. For burning or dusting; state which is wanted. Lb. 10 cts.; 5 lbs. 45 cts.; 10 lbs. 75 cts.; 25 lbs. $1.25; 50 lbs. $2.25; 100 lbs. $4.25.

Tree Paint. Qt. 85 cts.; gal. $2.50.

Tree Tanglefoot. A sticky substance applied directly to the bark to protect trees against climbing insect pests. One application remains sticky, fully exposed to weather, three months. One pound will make a band 7 to 8 feet long. Lb. can 65 cts.; 5 lbs. $3; 10 lbs. $5.65.

Tri-ogen. Complete protection against plant insects and diseases. Small Kit $1.50. Medium Kit $4. Large Kit $6.

Volck. The most tender foliage is safe where Volck is used. Coleus, cyclamen, evergreens, ferns, orchids and many other types of plants can be sprayed with safety. Two and one-half tablespoons of Volck will make 1 gallon of dilute spray. Pt. 55 cts.; qt. 80 cts.; gal. $2.75; 5 gals. $8.

Wilson's O. K. Plant Spray. A powerful yet harmless and efficient insecticide for aphis, red spider, mildew, scale, etc., for inside and outside spraying. Qt. $1; gal. $3; 5 gals. $12; 10 gals. $22.

Weed-Killer. For the destruction of weeds and grass on roadways, paths, gutters and places where no growth is wanted. One gallon diluted makes 40 gallons treating liquid, enough to cover an area of 500 to 1,000 square feet. Qt. 55 cts.; gal. $1.75; 5 gals. $6.75; 30 gals. $33; 50-gal. bbl. $50.

Sundries

Bull Dog Clips. For fastening packages, etc. $1 per box.

Charcoal, Lump. For use in potting. Pk. 65 cts.; bus. $1.50; bbl. sack $2.50.

Charcoal (Ground). Coarse, fine, and powdered. Lb. 10 cts.; 5 lbs. 35 cts.; 10 lbs. 60 cts.; 25 lbs. $1.25; 100 lbs. $3.50.

Leaf Mold. Pk. 45 cts.; bus. $1.25; bbl. $3.

Lawn Mower Oil. Pt. 25 cts.; qt. 35 cts.; ½gal. 65 cts.; gal. $1.10; 5 gals. $4.25.

Peat, Orchid. Selected. Sack $3.25.
Jersey. Bbl. $3.

Moss, Sphagnum, Dry. 5-bbl. bale $4.50.
Sphagnum, Live. Bbl. $3.
Green Lump. Bbl. $3.25.
Green Sheet. $2.25 per 10-lb. bale.
Peat. (Imported.) Excellent for mulching rose beds, shrubbery and evergreens; also excellent for lawns. 50 lbs. $1.25; 100 lbs. $2.25; bale (about 185 lbs.) $3.50.

Propagating Sand. Bbl. $3.

Pebbles. Qt. 10 cts.; pk. 75 cts.; bus. $2.50; bbl. sack $5.

Soil for Potting. Pk. 40 cts.; bus. $1.50; bbl. $3.25.

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Suggestions to Customers in Ordering from This Catalogue, Which, if Followed, Will Be of Mutual Aid

ORDER EARLY.—We endeavor to ship all orders immediately on receipt, but during the rush season it is almost impossible, hence the importance of ordering early.

NAME AND ADDRESS.—Please write on each order your Name, Post Office, Shipping Point or nearest Express Office, your County and State. Use the order sheet enclosed in catalogue if possible.

COUNTER CUSTOMER.—We suggest to those who buy in person at our store the advantage of having their lists made out before they call. They may be left and called for later, taken at once, or shipped. In any case it is a great saving of time to the buyer. The list should have full name and address written on it so that our catalogues may be mailed to the purchaser as issued. We also urge early buying—January and February are good months.

FORWARDING.—We prepay postage to any post office in the United States, on vegetable and flower seeds quoted by the packet, ounce, and quarter pound. All other goods are sent by express or freight at purchaser's expense. We make no charge for delivery to freight depots or express offices in Philadelphia.

PRICES.—It is our endeavor to maintain the prices quoted in this catalogue throughout the season, but in the event of unforeseen circumstances arising, we reserve the right to change the price of any article (in this catalogue) without notice.

REMITTANCES should be made by Post Office Money Order, Express Money Order, Registered Letter or Draft on Philadelphia or New York banks. Small sums may be sent in loose postage stamps of small denominations.

NON-WARRANTY.—Hosea Waterer gives no warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs, or plants he sends out, and he will not be responsible in any way for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

PARCEL POST RATES

WEIGHT LIMIT.—The weight limit for all Zones is now 70 pounds. Shipments of 20 pounds or over are cheaper if sent by express beyond the Second Zone.

DOMESTIC PARCEL POST RATES
Within the United States and Possessions

	First pound or fraction	*Each additional pound or fraction*
First zone, within 50 miles of Philadelphia	8 cts.	1 ct.
Second zone, within 50 to 150 miles of Philadelphia	8 cts.	1 ct.
Third zone, within 150 to 300 miles of Philadelphia	9 cts.	2 cts.
Fourth zone, within 300 to 600 miles of Philadelphia	10 cts.	3 cts.
Fifth zone, within 600 to 1,000 miles of Philadelphia	11 cts.	5 cts.
Sixth zone, within 1,000 to 1,400 miles of Philadelphia	12 cts.	7 cts.
Seventh zone, within 1,400 to 1,800 miles of Philadelphia	14 cts.	9 cts.
Eighth zone, all over 1,800 miles of Philadelphia	15 cts.	11 cts.

All goods sent by parcel post are at purchaser's risk, unless insured. Insurance is 5 cents for $5, 8 cents for $25, 10 cents for $50. This insures delivery only, but not damage to package.

Should you want to purchase anything needed in the garden, greenhouse, or farm, not listed in this catalogue, we will gladly fill your order at the lowest market price, or quote prices if desired.

GARDENERS' AND FARMERS' SITUATIONS.—We have, at times, the names of practical gardeners and farm managers in want of situations. If parties desiring such will write us, we shall be glad to put them in communication with men whom we deem suitable. We make no charge for this service.

STANDARD GARDENING BOOKS

ASPARAGUS. By Hexamer. Gives all details. $1.
A LITTLE BOOK OF ANNUALS. Cloth cover $1.75.
A LITTLE BOOK OF PERENNIALS. Cloth cover $2.
BULB BOOK. Tells how to handle to ensure best success. 25 cts.
THE BOOK OF BULBS. By F. F. Rockwell. $2 each.
THE CARE OF ORNAMENTAL TREES. By C. F. Greeves-Carpenter. $1.25 each.
CHRYSANTHEMUM MANUAL. Gives all details. $1.50.
CLIMBING PLANTS. Cloth cover $2.
DAHLIAS. By F. F. Rockwell. Brief and practical. 65 illustrations, 80 pages. $1.25 each.
EVERGREENS FOR THE SMALL PLACE. $1.25 each.
FERTILIZER. By Voorhees. How to make and use. $2.75.
GARDEN GUIDE. (The Amateur Gardeners' Handbook.) Rewritten and enlarged. Cloth cover $2.50.
GLADIOLUS. A guide to proper planting and care. $1.25.
HOME FRUIT GROWER. Cloth cover $1.65.
1001 GARDEN QUESTIONS ANSWERED. By Prof. Alfred C. Hottes. Cloth cover $2.15.
IRISES. By F. F. Rockwell. 54 illustrations, 80 pages. $1.25 each.
LAWNS. By F. F. Rockwell. 39 illustrations, 87 pages. $1.25 each.
MILADY'S HOUSE PLANTS. Cloth cover $1.25.
MODERN MUSHROOM CULTURE. Bound in cloth, $1.50.
ROCK GARDENS. By F. F. Rockwell. $1.25.
HOW TO GROW ROSES. By Pyle, McFarland, and Stevens. 144 pages, 32 plates in full color. $2 each.
THE GARDEN NOTEBOOK. $1.50.
THE STANDARD CYCLOPEDIA OF HORTICULTURE. Edited by L. H. Bailey. 5,000 illustrations, 3,637 pages, 3 volumes, fabrikoid binding. $15.
SHRUBS. By F. F. Rockwell. $1.25 each.
VEGETABLE GARDENING. By Watts. $2.70.

QUALITY

Seeds
Bulbs and
Plants

1936

PLEASE USE THIS ORDER SHEET

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(One Block West of Independence Hall)

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*Bbls*_____ *Bdls.*_____

*County*_____ *State*_____ *Express Office*_____

*Ship by*_____ *Ordered by*_____
Express, Freight or Parcel Post

All Seeds, etc., sold herewith will be supplied only under the terms stated in our Catalogue

QUANTITY	ARTICLES	PRICE	
	Carried forward		

QUANTITY	ARTICLES	PRICE	
	Brought forward		
	Total		

ZINNIA, Fantasy

Blooms differ greatly from those of the ordinary Zinnias, and do not have their formal appearance. Award of Merit, 1935 All-America Seed Selections. Mixed colors — red, orange, pink, cream, and the lighter tones. Pkt. 20 cts.; large pkt. 50 cts.

Zinnia Special

A collection of the three types shown in color on this page — Fantasy, Lilliput, and California Giants.

Mixed colors, 1 pkt. of each (3 pkts. total) 40c

ZINNIA, Lilliput

Dainty little flowers, as double as the giants. Mixed colors—yellow scarlet salmon-rose violet-purple white. Pkt. 15 cts.; ¼oz. 35 cts.

COLLECTION: 1 pkt. each of 10 colors, 85 cts.

ZINNIA California Giants

Largest of all. Marvelous colors. Very showy. Mixed colors. Pkt. 15 cts.; ¼oz. 50 cts.; oz. $1.50.

COLLECTION: 1 pkt. each of 10 colors, $1.25

2

1

NEW DOUBLE NASTURTIUMS

(Sweet-scented)

If you have not yet tried these new Nasturtiums, be sure to get them this year. If you have grown them, you will surely want them again. The group of three will make a show of color that will long be remembered.

GOLDEN GLEAM (1). Gold Medal winner in the 1933 All-America Seed Selections. Blooms 3 inches across, on stems 6 inches long. Note the golden yellow color. Pkt. 10 cts.; oz. 35 cts.

SCARLET GLEAM (2). Intense scarlet, like a sheet of flame. A new variety that you will like. Pkt. 15 cts.; ½oz. 35 cts.; oz. 60 cts.

GLORIOUS GLEAM HYBRIDS. Flowers double, sweet-scented. Colors include golden yellow, cream-yellow, orange, cerise, maroon, crimson, and variegated. Pkt. 15 cts.; ½oz. 30 cts.; oz. 50 cts.

COLLECTION:
1 pkt. each of above (3 pkts. total), 35 cts.

NEW COSMOS

Orange Flare

Here is another winner of a Gold Medal in the All-Americea Seed Seleetions of 1935. Gardeners generally say it is the finest Cosmos yet introduced. When in full flower the plants are a mass of golden yellow—the most conspieuous thing in the garden. Usually the plants begin to flower in ten to twelve weeks after the seed is sown. The stems are long and wiry; well adapted for eutting.

Pkt. 25 cts.; large pkt. 75 cts.

HOSEA WATERER · PHILADELPHIA ·

ESTABLISHED 1892